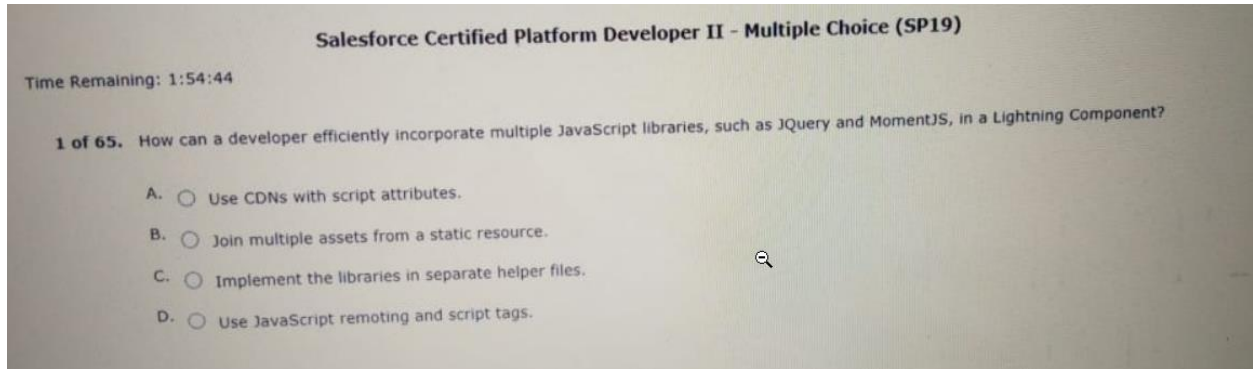


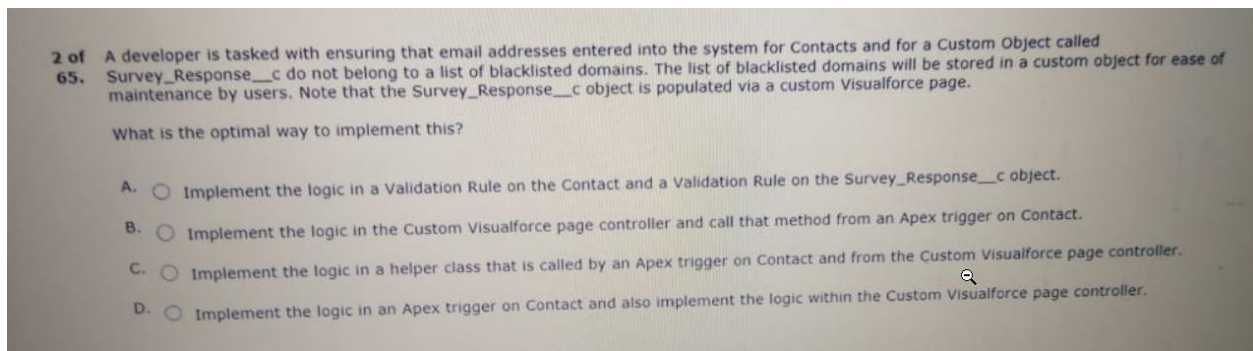
Latest pd2 dump 26-07-2019

1.in a lightning component?



Ans:B

2.via a custom visualforce page.



Ans:C

3.an external web service.

@future method?

3 of 65. A developer is writing code that requires making callouts to an external web service.

Which scenario necessitates that the callout be made in an @future method?

- A. ☐ Over 10 callouts will be made in a single transaction.
- B. ☐ The callout could take longer than 60 seconds to complete.
- C. ☐ The callouts will be made in an Apex Test class.
- D. ☐ The callouts will be made in an Apex Trigger.

Ans:D

4.on contact (before insert, before update)

Cause for concern?

```
4 of 65. Line 1 trigger ContactTrigger on Contact (before insert, before update)
Line 2 {
Line 3     Map<Id,Account> accountMap = new Map<Id,Account>();
Line 4     for(Contact c : Trigger.new)
Line 5     {
Line 6         Account a = {SELECT Id, Name, BillingCountry FROM Account WHERE Id := c.AccountId};
Line 7         accountMap.put(a.Id,a);
Line 8     }
Line 9
Line 10    //Do stuff with accountMap
Line 11    for(Contact c : Trigger.new)
Line 12    {
Line 13        Account a = accountMap.get(c.AccountId);
Line 14        if(a != null)
Line 15        {
Line 16            c.BillingCountry = a.BillingCountry;
Line 17        }
Line 18    }
Line 19
Line 20    update Trigger.new;
Line 21 }
```

Refer to the code segment above.

When following best practices for writing Apex triggers, which two lines are wrong or cause for concern?

Choose 2 answers

- A. ☐ Line 6

```

Line 7      accountMap.put(a.Id,a);
Line 8      }
Line 9
Line 10     //Do stuff with accountMap
Line 11     for(Contact c : Trigger.new)
Line 12     {
Line 13         Account a = accountMap.get(c.AccountId);
Line 14         if(a != null)
Line 15         {
Line 16             c.BillingCountry = a.BillingCountry;
Line 17         }
Line 18     }
Line 19
Line 20     update Trigger.new;
Line 21 }

```

Refer to the code segment above.

When following best practices for writing Apex triggers, which two lines are wrong or cause for concern?

Choose 2 answers

- A. ☐ Line 6
- B. ☐ Line 11
- C. ☒ Line 16
- D. ☒ Line 20

Ans:A,D

5.with the following HTML snippet.

Additional test coverage?

5 of 65. A developer is developing a reusable Aura Component that will reside on an sObject Lightning Page with the following HTML snippet:

```

<aura:component implements="force:hasRecordId,flexipage:availableForAllPageTypes">
<div>Hello!</div>
</aura:component>

```

How can the component's Controller get the context of the Lightning Page that the sObject is on without requiring additional test coverage?

- A. ☐ Add force:hasObjectName to the implements.
- B. ☐ Use the getSObjectType() method in an Apex class.
- C. ☐ Create a design attribute and configure via App builder.
- D. ☐ Set the sObject type as a component attribute.

Ans:C

6.reporting errors.

Business logic?

6 of 65. A developer created a new trigger that inserts a Task when a new Lead is created. After deploying to production, an outside integration is periodically reporting errors.

Which change should the developer make to ensure the integration is not affected with minimal impact to business logic?

- A. ☐ Remove the Apex Class from the Integration User's Profile.
- B. ☐ Deactivate the Trigger before the Integration runs.
- C. ☐ Use the Database method with allOrNone set to False.
- D. ☐ Use a Try/Catch block after the insert statement.

Ans:B

7.mobile devices and tablets.

Tablet devices?

7 of 65. A Lightning Component has a section that displays some information about an Account and it works well on the desktop, but users have to scroll horizontally to see the Description field output on their mobile devices and tablets.

```
<lightning:layout multipleRows="false">
  <lightning:layoutItem size="6">{!v.rec.Name}</lightning:layoutItem>

  <lightning:layoutItem size="6">{!v.rec.Description__c}</lightning:layoutItem>
</lightning:layout>
```

Which option has the changes to make the component responsive for mobile and tablet devices?

- A. ☐

```
<lightning:layout multipleRows="true">
  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Name}</lightning:layoutItem>

  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Description__c}</lightning:layoutItem>
</lightning:layout>
```
- B. ☐

```
<lightning:layout multipleRows="true">
  <lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Name}</lightning:layoutItem>

  <lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Description__c}</lightning:layoutItem>
</lightning:layout>
```
- C. ☐

```
<lightning:layout multipleRows="false">
  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Name}</lightning:layoutItem>

  <lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Description__c}</lightning:layoutItem>
</lightning:layout>
```

- `</lightning:layout>`
- B. ☐ `<lightning:layout multipleRows="true">`
 `<lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Name}`
 `</lightning:layoutItem>`

 `<lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Description__c}`
 `</lightning:layoutItem>`
 `</lightning:layout>`
- C. ☐ `<lightning:layout multipleRows="false">`
 `<lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Name}`
 `</lightning:layoutItem>`

 `<lightning:layoutItem smallDeviceSize="12" largeDeviceSize="6">{!v.rec.Description__c}`
 `</lightning:layoutItem>`
 `</lightning:layout>`
- D. ☐ `<lightning:layout multipleRows="false">`
 `<lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Name}`
 `</lightning:layoutItem>`

 `<lightning:layoutItem size="12" largeDeviceSize="6">{!v.rec.Description__c}`
 `</lightning:layoutItem>`
 `</lightning:layout>`

Ans:D

8.orders on the same visualforce page.

On the visualforce page?

- 8 of 65. Universal Containers allows customers to log into a Salesforce Community and update their orders via a custom Visualforce page. Universal Containers' sales representatives can edit the orders on the same Visualforce page.
- What should a developer use in an Apex test class to test that record sharing is enforced on the Visualforce page?
- A. ☐ Use `System.profileIs()` to test as an administrator and a community user.
- B. ☐ Use `System.runAs()` to test as a sales rep and a community user.
- C. ☐ Use `System.profileIs()` to test as a sales rep and a community user.
- D. ☐ Use `System.runAs()` to test as an administrator and a community user.

Ans:B

9.safe apex triggers?

9 of 65. Which statement is considered a best practice for writing bulk safe Apex Triggers?

- A. ☐ Perform all DML operations from within a Future Method.
- B. ☐ Instead of DML statements, use the Database methods with allOrNone set to False.
- C. ☐ Add LIMIT 50000 to every SOQL statement.
- D. ☐ Add records to collections and perform DML operations against these collections.

Ans:D

10.other details provided.

Properly displayed?

Time Remaining: 1:35:34

10 of 65. Users report that a button on a custom Lightning Web Component is not working. However, there are no other details provided.

What should be used to ensure error messages are properly displayed?

- A. ☐ Add the <error-view/> tag to the component.
- B. ☐ Add a Try/Catch block surrounding the DML statement.
- C. ☐ Use the Database method with allOrNone set to false.
- D. ☐ Add the <apex:messages/> tag to the component.

Ans:D

11.options in a test method?

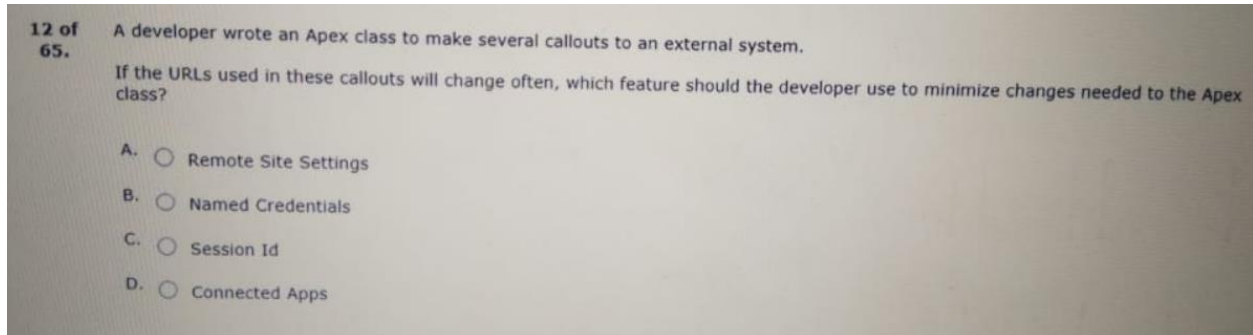
11 of 65. What is the optimal technique a developer should use to programmatically retrieve Global Picklist options in a Test Method?

- A. ☐ Use a static resource.
- B. ☐ Perform a SOQL Query.
- C. ☐ Perform a callout to the Metadata API.
- D. ☐ Use the Schema namespace.

Ans:D

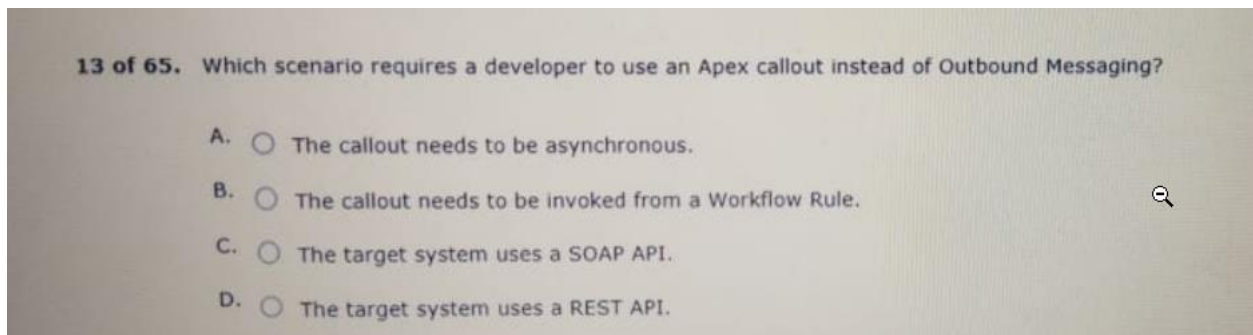
12.to an external system.

Apex class?



Ans:B

13.outbound messaging?



Ans:D

14.with a custom action.

To do this?

14 of 65. A developer wants to use an Aura Component with a Custom Action.

What should be considered in order to do this?

- A. ☐ A default value must be provided for each component attribute marked as required.
- B. ☐ The component must implement the `force:lightningQuickActionButton` interface.
- C. ☐ The class `"slds-modal__container"` must be added to the top-level element of the component.
- D. ☐ The component's JavaScript controller must handle a method on initialization.

Ans:B

15.build out the site.

is multilingual?

15 of 65. Universal Containers (UC) wants to develop a customer community to help their customers log issues with their containers. The community needs to function for their German- and Spanish-speaking customers also. UC heard that it's easy to create an international community using Salesforce, and hired a developer to build out the site.

What should the developer use to ensure the site is multilingual?

- A. ☐ Use Custom Metadata to translate custom picklist values.
- B. ☐ Use Custom Settings to ensure custom messages are translated properly.
- C. ☐ Use Custom Objects to translate custom picklist values.
- D. ☐ Use Custom Labels to ensure custom messages are translated properly.

Ans:D

16.without error.

16 of 65. A business process requires sending new Account records to an external system. The Account Name, Id, CreatedDate, and CreatedById must be passed to the external system in near real-time when an Account is inserted without error.

How should a developer achieve this?

- A. ☐ Use a before insert trigger and an `@future` method.
- B. ☐ Use a Workflow rule that calls an `@InvocableMethod` method.
- C. ☐ Use a Process Builder that calls an `@InvocableMethod` method.
- D. ☐ Use a before insert trigger and a `Queueable` class.

Ans:C

17.date field fails.

17 of 65. A developer wrote a trigger on Opportunity that will update a custom Last Sold Date field on the Opportunity's Account whenever an Opportunity is closed. In the test class for the trigger, the assertion to validate the Last Sold Date field fails.

What might be causing the failed assertion?

- A. ☐ The test class has not implemented seeAllData=true in the test method.
- B. ☐ The test class has not re-queried the Account record after updating the Opportunity.
- C. ☐ The test class has not defined an Account owner when inserting the test data.
- D. ☐ The test class is not using System.runAs() to run tests as a Salesforce administrator.

Ans:B

18.location of the container.

is changed.

18 of 65. Universal Containers wants to be able to bring up an Account detail page and view a table of containers currently being rented. The user wants to be able to click on a container in the table and quickly edit and save the location of the container.

In addition to this, the page should have a section that shows the location of each container on a map. Universal Containers wants the map to re-render whenever the location of a container is changed.

What can a developer use to accomplish this task?

- A. ☐ A single Visualforce Page leveraging Platform Events
- B. ☐ Two Lightning Components leveraging Platform Events
- C. ☐ Two Lightning Components leveraging Application Events
- D. ☐ Two Visualforce Page Components leveraging Application Events

Ans:C

19.from opportunity group by campaignid];

Debug statements?

19 of 65. Example 1:
AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) FROM Opportunity GROUP BY CampaignId];
for (AggregateResult ar : groupedResults)
{
System.debug('Campaign ID' + ar.get('CampaignId'));
System.debug('Average amount' + ar.get('expr0'));
}
}

Example 2:
AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) theAverage FROM Opportunity GROUP BY CampaignId];
for (AggregateResult ar : groupedResults)
{
System.debug('Campaign ID' + ar.get('CampaignId'));
System.debug('Average amount' + ar.get('theAverage'));
}
}

Example 3:
AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) FROM Opportunity GROUP BY CampaignId];
for (AggregateResult ar : groupedResults)
{
System.debug('Campaign ID' + ar.get('CampaignId'));
System.debug('Average amount' + ar.get.AVG());
}
}

Example 4:
AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) theAverage FROM Opportunity GROUP BY CampaignId];
for (AggregateResult ar : groupedResults)
{
System.debug('Campaign ID' + ar.get('CampaignId'));
System.debug('Average amount' + ar.get.AVG());
}
}

Example 3:
AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) FROM Opportunity GROUP BY CampaignId];
for (AggregateResult ar : groupedResults)
{
System.debug('Campaign ID' + ar.get('CampaignId'));
System.debug('Average amount' + ar.get.AVG());
}
}

Example 4:
AggregateResult[] groupedResults = [SELECT CampaignId, AVG(Amount) theAverage FROM Opportunity GROUP BY CampaignId];
for (AggregateResult ar : groupedResults)
{
System.debug('Campaign ID' + ar.get('CampaignId'));
System.debug('Average amount' + ar.theAverage);
}
}

Which two of the examples above have correct System.debug statements?

Choose 2 answers

- A. ☐ Example 1
- B. ☒ Example 2
- C. ☒ Example 3
- D. ☐ Example 4

Ans:A,B

20. troubleshoot the problem.

Debug the problem?

20 of 65. The Contact object in an org is configured with workflow rules that trigger field updates. The fields are not updating, even though the end user expects them to. The developer creates a debug log to troubleshoot the problem.

What should the developer specify in the debug log to see the values of the workflow rule conditions and debug the problem?

- A. ☐ INFO level for the Database log category
- B. ☐ ERROR level for the Workflow log category
- C. ☐ INFO level for the Workflow log category
- D. ☐ ERROR level for the Database log category

Ans:C

21.case is changed.

21 of 65. An Apex trigger and Apex class increment a counter, Edit_Count__c, any time that the Case is changed.

```
public class CaseTriggerHandler {
    public static void handle(List<Case> cases) {
        for (Case c : cases) {
            c.Edit_Count__c = c.Edit_Count__c + 1;
        }
    }

    trigger on Case(before update) {
        CaseTriggerHandler.handle(Trigger.new);
    }
}
```

A new process on the Case object was just created in production for when a Case is created or updated. Since the process was created, there are reports that the Edit Count is being incremented by more than one on Case edits.

Which change in the Apex code will fix the problem?

- A. ☐

```
public class CaseTriggerHandler {
    public static Boolean firstRun = true;
    public static void handle(List<Case> cases) {
        for (Case c : cases) {
            c.Edit_Count__c = c.Edit_Count__c + 1;
        }
    }
}
```

```

        c.Edit_Count__c = c.Edit_Count__c + 1;
    }
}

trigger on Case(before update) {
    if (CaseTriggerHandler.firstRun) {
        CaseTriggerHandler.handle(Triple.new);
    }
    CaseTriggerHandler.firstRun = false;
}

B. ☐ public class CaseTriggerHandler {
    public static Boolean firstRun = true;
    public static void handle(List<Case> cases) {
        for (Case c : cases) {
            c.Edit_Count__c = c.Edit_Count__c + 1;
        }
    }

    trigger on Case(before update) {
        CaseTriggerHandler.firstRun = true;
        if (CaseTriggerHandler.firstRun) {
            CaseTriggerHandler.handle(Triple.newMap);
        }
        CaseTriggerHandler.firstRun = false;
    }
}

C. ☐ public class CaseTriggerHandler {
    Boolean firstRun = true;
    public static void handle(List<Case> cases) {
        if (firstRun) {
            for (Case c : cases) {
                c.Edit_Count__c = c.Edit_Count__c + 1;
            }
        }
        firstRun = false;
    }
}

```

```

C. ☐ public class CaseTriggerHandler {
    Boolean firstRun = true;
    public static void handle(List<Case> cases) {
        if (firstRun) {
            for (Case c : cases) {
                c.Edit_Count__c = c.Edit_Count__c + 1;
            }
        }
        firstRun = false;
    }
}

trigger on Case(before update) {
    CaseTriggerHandler.handle(Triple.new);
}

D. ☐ trigger on Case(before update) {
    Boolean firstRun = true;
    if (firstRun) {
        CaseTriggerHandler.handle(Triple.newMap);
    }
    firstRun = false;
}

```

Ans:A

22.key_c.

22 of 65. Consider the following queries. For these queries, assume that there are more than 200,000 Account records. These records include soft-deleted records; that is, deleted records that are still in the Recycle Bin. Note that there are two fields that are marked as External Id on the Account. These fields are Customer_Number__c and ERP_Key__c.

Which two queries are optimized for large data volumes?
Choose 2 answers

- A. ☐ SELECT Id FROM Account WHERE Name != NULL
- B. ☒ SELECT Id FROM Account WHERE Name != '' AND Customer_Number__c = 'ValueA'
- C. ☐ SELECT Id FROM Account WHERE Name != '' AND IsDeleted = false
- D. ☒ SELECT Id FROM Account WHERE Id IN :aListVariable

Ans: B,D

23.to be inserted.

23 of 65. An org has a requirement that the Shipping Address on the Account must be validated by a third-party web service, before the Account is allowed to be inserted.

What is the optimal way to meet this requirement?

- A. ☐ Make a callout to the web service from a standard Visualforce controller.
- B. ☐ Make a callout to the web service from an after insert trigger.
- C. ☐ Make a callout to the web service from a before insert trigger.
- D. ☐ Make a callout to the web service from a custom Visualforce controller.

Ans:C

24.perform the tests.

24 of 65. A developer notices the execution of all the test methods in a class takes a long time to run, due to the initial setup of all the test data that is needed to perform the tests.

What should the developer do to speed up test execution?

- A. ☐ Ensure proper usage of test data factory in all test methods.
- B. ☐ Define a method that creates test data and annotate with @testSetup.
- C. ☐ Reduce the amount of test methods in the class.
- D. ☐ Define a method that creates test data and annotate with @createData.

Ans:B

25.all contacts of the opportunity's account?

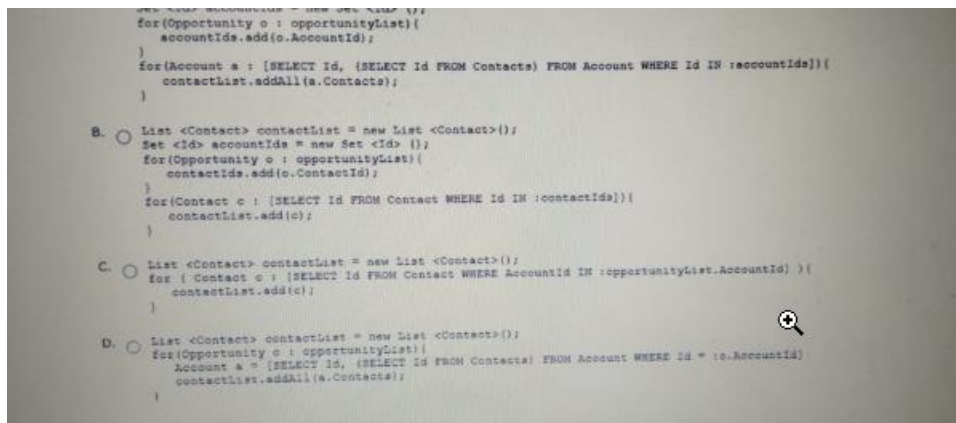
25 of 65. Given a list of Opportunity records named opportunityList, which code snippet is best for querying all Contacts of the Opportunity's Account?

- A. ☐

```
List <Contact> contactList = new List <Contact>();
Set <Id> accountIds = new Set <Id> ();
for(Opportunity o : opportunityList){
    accountIds.add(o.AccountId);
}
for(Account a : [SELECT Id, (SELECT Id FROM Contacts) FROM Account WHERE Id IN :accountIds]){
    contactList.addAll(a.Contacts);
}
```
- B. ☐

```
List <Contact> contactList = new List <Contact>();
Set <Id> accountIds = new Set <Id> ();
for(Opportunity o : opportunityList){
    contactIds.add(o.ContactId);
}
for(Contact c : [SELECT Id FROM Contact WHERE Id IN :contactIds]){
    contactList.add(c);
}
```
- C. ☐

```
List <Contact> contactList = new List <Contact>();
for ( Contact c : [SELECT Id FROM Contact WHERE AccountId IN :opportunityList.AccountId] ){
    contactList.add(c);
}
```



Ans:A

26.open or closed.

Prevent deletion?

26 of 65. A company has a Request__c object that has a lookup to the Opportunity object and a custom field, Status__c, with values of 'Open,' 'Closed,' and 'Invalid.' An Opportunity should not be allowed to be deleted if there are any Request__c records related to it that have a Status__c value of 'Open' or 'Closed.'

What is the optimal way to enforce the requirement to prevent deletion?

- A. ☐ A Process on Request__c
- B. ☐ A Process on Opportunity
- C. ☐ An Apex Trigger on Request__c
- D. ☐ An Apex Trigger on Opportunity

Ans:D

27.all of the different orgs.

Use?

27 of 65. A corporation has many different Salesforce orgs, with some different objects and some common objects, and wants to build a single Java application that can create, retrieve, and update common object records in all of the different orgs.

Which method of integration should the application use?

- A. ☐ SOAP API with the Enterprise WSDL
- B. ☐ Metadata API
- C. ☐ Apex REST Web Service
- D. ☐ SOAP API with the Partner WSDL

Ans:A

28.records at once.

Such issues?

28 of 65. There are user complaints about slow render times of a custom data table within a Visualforce page that loads thousands of Account records at once.

What can a developer do to help alleviate such issues?

- A. ☐ Use the transient keyword in the Apex code when querying the Account records.
- B. ☐ Use the standard Account List controller and implement pagination.
- C. ☐ Upload a third-party data table library as a static resource.
- D. ☐ Use JavaScript remoting to query the accounts.

Ans:A

30.partial page updates?

30 of 65. Which three Visualforce components can be used to initiate Ajax behavior to perform partial page updates?
Choose 3 answers

- A. ☒ `<apex:actionSupport>`
- B. ☐ `<apex:actionStatus>`
- C. ☒ `<apex:commandLink>`
- D. ☐ `<apex:form>`
- E. ☒ `<apex:commandButton>`

Ans:A,C,D

31.error for a contact.

Will fix the error?

31 of 65. A Visualforce Page throws an 'Attempt to dereference a null object' error for a Contact.

What change in the controller will fix the error?

- A. ☐ Use a condition in the getter to return a new Contact if it is null.
- B. ☐ Declare a static final Contact at the top of the controller.
- C. ☐ Change the getter's signature to be static Contact.
- D. ☐ Change the setter's signature to return a Contact.

Ans:A

32.catalog items.

Changed as well.

32 of 65. A company manages information about their product offerings in custom objects named Catalog and Catalog Item. Catalog Item has a master-detail field to Catalog, and each Catalog may have as many as 100,000 Catalog Items.

Both custom objects have a CurrencyIsoCode Text field that contains the currency code they should use. If a Catalog's CurrencyIsoCode changes, all of its Catalog Items' CurrencyIsoCodes should be changed as well.

What should a developer use to update the CurrencyIsoCodes on the Catalog Items when the Catalog's CurrencyIsoCode changes?

- A. ☐ A Database.Schedulable and Database.Batchable class that queries the Catalog object and updates the Catalog Items if the Catalog CurrencyIsoCode is different
- B. ☐ An after insert trigger on Catalog that updates the Catalog Items if the Catalog's CurrencyIsoCode is different
- C. ☐ An after insert trigger on Catalog Item that updates the Catalog Items if the Catalog's CurrencyIsoCode is different
- D. ☐ A Database.Schedulable and Database.Batchable class that queries the Catalog Item object and updates the Catalog Items if the Catalog CurrencyIsoCode is different

Ans:A

33.have a completed request?

33 of 65. A company has a custom object, Request__c, that has a field, Completed__c, and a Lookup to Opportunity, Opportunity__c.

Which SOQL query will get a unique list of all of the Opportunity records that have a Completed Request?

- A. ☐ SELECT Id FROM Opportunity WHERE Id IN (SELECT Id FROM Request__c WHERE Completed = true)
- B. ☐ SELECT Id FROM Opportunity WHERE Id IN (SELECT Opportunity__c FROM Request__c WHERE Completed__c = true)
- C. ☐ SELECT Opportunity__c FROM Request__c WHERE Completed__c = true
- D. ☐ SELECT Opportunity__c FROM Request__c WHERE Id IN (SELECT Id FROM Request__c Where Completed__c = true)

Ans:B

34.fail to be inserted?

34 of 65. Which statement should be used to allow some of the records in a list of records to be inserted if others fail to be inserted?

- A. ☐ Database.insert(records, false)
- B. ☐ Database.insert(records, true)
- C. ☐ insert (records, false)
- D. ☐ insert records

Ans:A

35.calling the controller getsomedata().

35 of
65.

```
public class myServerSideController {
    @AuraEnabled
    public static MyDataWrapper getSomeData( String theType ) {
        Some_Object__c someObj = [
            SELECT ID, Name
            FROM Some_Object__c
            WHERE Type__c = :theType
            LIMIT 1
        ];

        Another_Object__c anotherObj = [
            SELECT ID, Option__c
            FROM Another_Object__c
            WHERE Some_Object__c = :someObj.Name
            LIMIT 1
        ];

        MyDataWrapper theData = new MyDataWrapper();

        theData.Name = someObj.Name;
        theData.Option = anotherObj.Option__c;
        return theData;
    }

    public class MyDataWrapper {
        public String Name { get; set; }
        public String Option { get; set; }
    }
}
```

```
        theData.Name = someObj.Name;
        theData.Option = anotherObj.Option__c;
        return theData;
    }

    public class MyDataWrapper {
        public String Name { get; set; }
        public String Option { get; set; }

        public MyDataWrapper() {}
    }
}
```

Consider the controller code above that is called from a Lightning component and returns data wrapped in a class.

The developer verified that the queries return a single record each and there is error handling in the Lightning component, but the component is not getting anything back when calling the controller getSomeData().

What is wrong?

- A. ☐ The member's Name and Option of the class MyDataWrapper should be annotated with @AuraEnabled too.
- B. ☐ The member's Name and Option should not have getter and setter.
- C. ☐ The member's Name and Option should not be declared public.
- D. ☐ Instances of Apex classes such as MyDataWrapper cannot be returned to a Lightning component.

Ans:A

36.record page?

36 of 65. Which interface needs to be implemented by a Lightning Component so that it may be displayed in modal dialog by clicking a button on a Lightning Record page?

- A. ☐ force:lightningEditAction
- B. ☐ lightning:editAction
- C. ☐ force:lightningQuickAction
- D. ☐ lightning:quickAction

Ans:C

37.signed off on them.

Finish the deployment.

37 of 65. Just prior to a new deployment, the Salesforce Administrator who configured a new order fulfillment process in a developer sandbox suddenly left the company. The users had fully tested all of the changes in the sandbox and signed off on them.

Unfortunately, although a Change Set was started, it was not complete. A developer is brought in to help finish the deployment.

What should the developer do to identify the configuration changes that need to be moved into production?

- A. ☐ Set up Continuous Integration and a Git repository to automatically merge all changes from the sandbox metadata with the production metadata.
- B. ☐ Use the Metadata API and a supported development IDE to push all of the configuration from the sandbox into production to ensure no changes are lost.
- C. ☐ Leverage the Setup Audit Trail to review the changes made by the departed Administrator and identify which changes should be added to the Change Set.
- D. ☐ In Salesforce setup, look at the last modified date for every object to determine which should be added to the Change Set.

Ans:A

38.related revenue object.

Created and populated.

38 of 65. A company uses Opportunities to track sales to their customers and their org has millions of Opportunities. They want to begin to track revenue over time through a related Revenue object.

As part of their initial implementation, they want to perform a one-time seeding of their data by automatically creating and populating Revenue records for Opportunities, based on complex logic. They estimate that roughly 100,000 Opportunities will have Revenue records created and populated.

What is the optimal way to automate this?

- A. ☐ Use Database.executeBatch() to invoke a Database.Batchable class.
- B. ☐ Use System.enqueueJob() to invoke a Queueable class.
- C. ☐ Use Database.executeBatch() to invoke a Queueable class.
- D. ☐ Use System.scheduleJob() to schedule a Database.Scheduleable class.

Ans:B

39. @remoteaction decorator.

The error?

39 of 65. A developer receives an error when trying to call a global server-side method using the @remoteAction decorator. How can the developer resolve the error?

- A. ☐ Change the function signature to be private static.
- B. ☐ Decorate the server-side method with (static=false).
- C. ☐ Add static to the server-side method signature.
- D. ☐ Decorate the server-side method with (static=true).

Ans:C

40.more than once.

Has completed?

40 of 65. A company has a custom component that allows users to search for records of a certain object type by invoking an Apex Controller that returns a list of results based on the user's input. When the search is completed, a searchComplete event is fired, with the results put in a results attribute of the event. The component is designed to be used within other components and may appear on a single page more than once.

What is the optimal code that should be added to fire the event when the search has completed?

- A. ☐

```
var evt = $A.get("e.c.searchComplete");  
evt.setParams({results: results});  
evt.fire();
```
- B. ☐

```
var evt = component.getEvent("searchComplete");  
evt.setParams({results: results});  
evt.fire();
```
- C. ☐

```
var evt = component.getEvent("searchComplete");  
evt.set("v.results", results);  
evt.fire();
```
- D. ☐

```
var evt = $A.get("e.c.searchComplete");  
evt.set("v.results", results);  
evt.fire();
```

Ans:B

41.exist yet.

The integration?

41 of 65. A developer wants to integrate invoice and invoice line data into Salesforce from a custom billing system. The developer decides to make real-time callouts from the billing system using the SOAP API. Unfortunately, the developer is getting a lot of errors when inserting the invoice line data because the invoice header record doesn't exist yet.

What will help ensure the transactional integrity of the integration?

- A. ☐ Use an ETL tool and the Bulk API running nightly, thus ensuring all of the data is handled at the same time.
- B. ☐ Set the AllOrNoneHeader to true when calling each of create() for invoice headers and create() for invoice lines.
- C. ☐ Develop a custom Apex web service to handle a custom JSON data structure with both invoice header and related invoice lines.
- D. ☐ Create the invoice header and the related invoice lines in the same create() call leveraging External Ids.

Ans:D

42.they run the page.

42 of 65. A developer is writing a Visualforce page that queries accounts in the system and presents a data table with the results. The users want to be able to filter the results based on up to five fields. However, the users want to pick the five fields to use as filter fields when they run the page.

Which Apex code feature is required to facilitate this solution?

- A. ☐ Dynamic SOQL
- B. ☐ Dynamic variable binding
- C. ☐ Streaming API
- D. ☐ Report API

Ans:A

43.sandbox was created.

43 of 65. A developer sees test failures in the sandbox but not in production. No code or metadata changes have been actively made to either environment since the sandbox was created.

Which consideration should be checked to resolve the issue?

- A. ☐ Ensure the sandbox is on the same release as production.
- B. ☐ Ensure the Apex Classes are on the same API version.
- C. ☐ Ensure Process Builder processes are inactive.
- D. ☐ Ensure Workflow Rules are inactive.

Ans:A

44.apply to most customers.

Settings for the APP?

44 of 65. A developer is asked to develop a new AppExchange application. A feature of the program creates Survey records when a Case reaches a certain stage and is of a certain Record Type. This feature needs to be configurable, as different Salesforce instances require Surveys at different times. Additionally, the out-of-the-box AppExchange app needs to come with a set of best practice settings that apply to most customers.

What should the developer use to store and package the custom configuration settings for the app?

- A. ☐ Custom Metadata
- B. ☐ Custom Settings
- C. ☐ Custom Objects
- D. ☐ Process Builder

Ans:A

45. Insert trigger shown above?

```
45 of 65. trigger ContactTrigger on Contact(before insert) {
    List<Id> accountIds = new List<Id>();
    for (Contact c : Trigger.new) {
        accountIds.add(c.AccountId);
    }

    for (Account a : [SELECT Id, Industry FROM Account WHERE Id :accountIds]) {
        for (Contact c : Trigger.new) {
            if (c.AccountId == a.Id) {
                ContactUtil.setDefaultsOnContact(c, a);
            }
        }
    }
}
```

What can be done to improve the performance of the before insert trigger shown above?

- A. ☐ Map<Id, Account> acctMap = new Map<Id, Account>([SELECT Id, Industry FROM Account WHERE Id :accountIds]);
for (Contact c : Trigger.new) {
 ContactUtil.setDefaultsOnContact(acctMap.get(c.AccountId));
}
- B. ☐ for (Contact c : Trigger.new) {
 ContactUtil.setDefaultsOnContact(c, c.Account);
}

What can be done to improve the performance of the before insert trigger shown above?

- A. ☐ Map<Id, Account> acctMap = new Map<Id, Account>([SELECT Id, Industry FROM Account WHERE Id :accountIds]);
for (Contact c : Trigger.new) {
 ContactUtil.setDefaultsOnContact(acctMap.get(c.AccountId));
}
- B. ☐ for (Contact c : Trigger.new) {
 ContactUtil.setDefaultsOnContact(c, c.Account);
}
- C. ☐ Map<Id, Contact> conMap = new Map<Id, Contact>([SELECT Id, Account.Industry FROM Contact WHERE Id :Trigger.newMap.keySet()]);
for (Contact c : Trigger.new) {
 ContactUtil.setDefaultsOnContact(c, conMap.get(c.Id).Account);
}
- D. ☐ Map<Id, Contact> conMap = new Map<Id, Contact>([SELECT Id, Account.Industry FROM Contact WHERE AccountId :accountIds]);
for (Contact c : Trigger.new) {
 ContactUtil.setDefaultsOnContact(c, conMap.get(c.Id).Account);
}

Ans:D

46. extension for the test?

46 of 65. @isTest
 static void testUpdateSuccess() {
 Account acct = new Account(Name = 'test');
 insert acct;

 // Add code here

 extension.inputValue = 'test';
 PageReference pageRef = extension.update();
 System.assertNotEquals(null, pageRef);
 }

What should be added to the setup, in the location indicated, for the unit test above to create the controller extension for the test?

- A. ☐ ApexPages.StandardController sc = new ApexPages.StandardController(acct);
 AccountControllerExt extension = new AccountControllerExt(sc);
- B. ☐ ApexPages.StandardController sc = new ApexPages.StandardController(acct.Id);
 AccountControllerExt extension = new AccountControllerExt(sc);
- C. ☐ AccountControllerExt extension = new AccountControllerExt(acct);
- D. ☐ AccountControllerExt extension = new AccountControllerExt(acct.Id);

Ans:A

47.code to work?

47 of 65. Lightning Aura Component

```
<aura:component controller="SimpleServerSideController">
  <aura:attribute name="firstName" type="String" default="world"/>
  <lightning:button label="Call server" onclick="{!c.echo}"/>
</aura:component>
```

Lightning Aura Controller

```
01 ({
02     "echo" : function(cmp) {
03         // create a one-time use instance of the serverEcho action
04         // in the server-side controller
05         var action = cmp.get("c.serverEcho");
06         action.setParams({ firstName : cmp.get("v.firstName") });
07
08         // Create a callback that is executed after
09         // the server-side action returns
10         action.setCallback(this, function(response) {
11             var state = response.getState();
12             if (state === "SUCCESS") {
13                 // Alert the user with the value returned
14                 // from the server
15                 alert("From server: " + response.getReturnValue());
16
17                 // You would typically fire an event here to trigger
```

```

38      // which could trigger other events and
39      // other server-side action calls.
40      // SA.enqueueAction adds the server-side action to the queue.
41      SA.enqueueAction(action);
42  }
43 }}

```

Apex Controller

```

01 public with sharing class SimpleServerSideController {
02
03     //Use @AuraEnabled to enable client- and server-side access to the method
04     @AuraEnabled
05     public static String serverEcho(JSONObject firstName) {
06         String firstNameStr = (String)JSON.deserialize(firstName, String.class);
07         return ('Hello from the server, ' + firstNameStr);
08     }
09 }

```

Given the code above, which two changes need to be made in the Apex Controller for the code to work?
Choose 2 answers

- A. ☒ Change the argument from JSONObject to String.
- B. ☐ Remove line 06 from the Apex Controller and use firstName in the return.
- C. ☒ Change the method signature to be global static, not public static.
- D. ☐ Annotate the entire class as @AuraEnabled instead of just the single method.

Ans:A,B

48.class for a visualforce controller?

- 48 of 65. How should a developer verify that a specific Account record is being tested in a test class for a Visualforce controller?
- A. ☐ Instantiate the page reference in the test class, insert the Account in the test class, then use seeAllData=true to view the Account.
 - B. ☐ Insert the Account in the test class, instantiate the page reference in the test class, then use System.currentPageReference().getParameters().put() to set the Account ID.
 - C. ☐ Insert the Account into Salesforce, instantiate the page reference in the test class, then use System.setParentRecordId().get() to set the Account ID.
 - D. ☐ Instantiate the page reference in the test class, insert the Account in the test class, then use System.setParentRecordId().get() to set the Account ID.

Ans: B

49.if it is already shipped.

Visible in salesforce?

49 of 65. A company uses a custom-built enterprise resource planning (ERP) system to handle order management. The company wants Sales Reps to know the status of orders so that if a customer calls to ask about their shipment, the Sales Rep can advise the customer about the order's status and tracking number if it is already shipped.

Which two methods can make this ERP order data visible in Salesforce?
Choose 2 answers

- A. ☐ Have the ERP system push the data into Salesforce using the SOAP API.
- B. ☒ Write a cron job in Salesforce to poll the ERP system for order updates.
- C. ☒ Use Salesforce Connect to view real-time Order data in the ERP system.
- D. ☐ Ensure real-time order data is in Salesforce using the Streaming API.

Ans: A,C

50.millions of records.

50 of 65. For compliance purposes, a company is required to track long-term product usage in their org. The information that they need to log will be collected from more than one object and, over time, they predict they will have hundreds of millions of records.

What should a developer use to implement this?

- A. ☐ Big Objects
- B. ☐ Field Audit Trail
- C. ☐ Field History Tracking
- D. ☐ Setup Audit Trail

Ans:A

51.common performance issue?

51 of 65. The use of the transient keyword in Visualforce Page Controllers helps with which common performance issue?

- A. ☐ Improves Page Transfers
- B. ☐ Reduces View State
- C. ☐ Reduces Load Times
- D. ☐ Improves Query Performance

Ans:B

52.before calling out error.

52 of 65. A developer has a test class that creates test data before making a mock call-out, but now receives a 'You have uncommitted work pending. Please commit or rollback before calling out' error.

What step should be taken to resolve the error?

- A. ☐ Ensure both the insertion and mock callout occur after the Test.stopTest().
- B. ☐ Ensure both the insertion and mock callout occur after the Test.startTest().
- C. ☐ Ensure the records are inserted before the Test.startTest() statement and the mock callout occurs within a method annotated with @testSetup.
- D. ☐ Ensure the records are inserted before the Test.startTest() statement and the mock callout after the Test.startTest().

Ans:D

53.as a restful web service?

53 of 65. Which annotation exposes an Apex class as a RESTful web service?

- A. ☐ @AuraEnabled
- B. ☐ @RemoteAction
- C. ☐ @HttpInvocable
- D. ☐ @RestResource

Ans:D

54.current reference data.

Lightning page?

54 of 65. A company has a Lightning Page with many Lightning Components, some that cache reference data. It is reported that the page does not always show the most current reference data.

What can a developer use to analyze and diagnose the problem in the Lightning Page?

- A. ☐ Salesforce Lightning Inspector Transactions Tab
- B. ☐ Salesforce Lightning Inspector Storage Tab
- C. ☐ Salesforce Lightning Inspector Actions Tab
- D. ☐ Salesforce Lightning Inspector Event Log Tab

Ans:B

55.returned to the customer.

Best practices?

55 of 65. A developer is tasked by Universal Containers to build out a system to track the container repair process. Containers should be tracked as they move through the repair process, starting when a customer reports an issue and ending when the container is returned to the customer.

Which solution meets these business requirements while following best practices?

- A. ☐ Use Flow Builder to develop a Sites page for customers to submit repair requests and track the status of their request.
- B. ☐ Build an automated Lightning Application using Application Events to ensure data integrity.
- C. ☐ Use Platform Events with Workflow Rules and RFID integration to ensure proper tracking of the containers.
- D. ☐ Involve a Salesforce administrator and build out a declarative solution that works in Salesforce desktop and mobile.

Ans: D

56.WSDL with apex?

56 of 65. What is a benefit of using a WSDL with Apex?

- A. ☐ Allows for web services to be tested and achieve code coverage
- B. ☐ Enables the user to not pass a Session ID where it is not necessary
- C. ☐ Allows for classes to be imported into Salesforce
- D. ☐ Reduces the number of callouts to third-party web services

Ans:C

57.via which two mechanisms?

57 of 65. After a Platform Event is defined in a Salesforce org, events can be published via which two mechanisms?
Choose 2 answers

- A. ☒ Internal Apps can use Outbound Messages.
- B. ☐ External Apps require a custom Apex web service.
- C. ☐ Internal Apps can use Process Builder.
- D. ☒ External Apps can use the standard Streaming API.

Ans:B,C

58.opportunity is won.

58 of 65. UC Loans is a small company with a part time Salesforce administrator. UC Loans wants to create a Loan__c record whenever an Opportunity is won.

What is the optimal solution for UC Loans to accomplish this?

- A. ☐ Apex Trigger
- B. ☐ Workflow Rule
- C. ☐ Quick Action
- D. ☐ Process Builder

Ans:D

59.an infinite loop.

59 of 65. A developer creates an application event that has triggered an infinite loop.

What may have caused this problem?

- A. ☐ The event is fired from a custom renderer.
- B. ☐ The event handler calls a trigger.
- C. ☐ An event is fired 'ontouchend' and is unhandled.
- D. ☐ The event has multiple handlers registered in the project.

Ans:A

60.too many SOQL queries.

Fix this?

```
60 of Line 1: @isTest
65.   Line 2: static void testMyTrigger()
      Line 3: {
      Line 4:     //Do a bunch of data setup
      Line 5:     DataFactory.setupDataForMyTriggerTest();
      Line 6:
      Line 7:     List<Account> acctsBefore = [SELECT Is_Customer__c FROM Account WHERE Id IN :DataFactory.accounts];
      Line 8:
      Line 9:     //Utility to assert all accounts are not customers before the update
      Line 10:    AssertUtil.assertNotCustomers(acctsBefore);
      Line 11:
      Line 12:    //Set accounts to be customers
      Line 13:    for(Account a : DataFactory.accounts)
      Line 14:    {
      Line 15:        a.Is_Customer__c = true;
      Line 16:    }
      Line 17:
      Line 18:    update DataFactory.accounts;
      Line 19:
      Line 20:    List<Account> acctsAfter = [SELECT Number_Of_Transfers__c FROM Account WHERE Id
      IN :DataFactory.accounts];
      Line 21:
      Line 22:    //Utility to assert Number_Of_Transfers__c is correct based on test data
      Line 23:    AssertUtil.assertNumberOfTransfers(acctsAfter);
      Line 24: }
```

The test method above tests an Apex trigger that the developer knows will make a lot of queries when a lot of Accounts are simultaneously updated to be customers.

```
Line 20:    List<Account> acctsAfter = [SELECT Number_Of_Transfers__c FROM Account WHERE Id
IN :DataFactory.accounts];
Line 21:
Line 22:    //Utility to assert Number_Of_Transfers__c is correct based on test data
Line 23:    AssertUtil.assertNumberOfTransfers(acctsAfter);
Line 24: }
```

The test method above tests an Apex trigger that the developer knows will make a lot of queries when a lot of Accounts are simultaneously updated to be customers.

The test method fails at the Line 20 because of too many SOQL queries.

What is the correct way to fix this?

- A. ☐ Replace most of the Apex Trigger with Process Builder processes to reduce the number of queries in the trigger.
- B. ☐ Change the DataFactory class to create fewer Accounts so that the number of queries in the trigger is reduced.
- C. ☐ Add Test.startTest() before and Test.stopTest() after both Line 7 of the code and Line 20 of the code.
- D. ☐ Add Test.startTest() before Line 18 of the code and add Test.stopTest() after line 18 of the code.

Ans:C

61.prevents all execution.

Code to Handle this?

61 of 65. A developer is inserting, updating, and deleting multiple lists of records in a single transaction and wants to ensure that any error prevents all execution.

How should the developer implement error exception handling in their code to handle this?

- A. ☐ Use a Try/Catch and use `sObject.addError()` on any failures.
- B. ☐ Use `Database.setSavepoint()` and `Database.rollback()` with a Try/Catch statement.
- C. ☐ Use Database methods to obtain lists of `Database.SaveResults`.
- D. ☐ Use a Try/Catch statement and handle DML cleanup in the catch statement.

Ans:B

62.building__c.

Modify the field types.

62 of 65. An org contains two custom objects: `Building__c` and `Office__c`. `Office__c` has a Lookup field to `Building__c`.

A developer is asked to automatically populate the `Number_of_Offices__c` field on the `Building__c` object with the count of related `Office__c` records anytime an `Office__c` record is created or deleted. The developer cannot modify the field types.

Which solution meets the requirements?

- A. ☐ Workflow
- B. ☐ Process Builder
- C. ☐ Apex Trigger
- D. ☐ Flow

Ans:C

63.contact's name, what happens?

63 of 65. `<apex:page standardController="Account">`
`<apex:pageBlock title="Hello {!$User.FirstName}!">`
 You are displaying contacts from the {!account.name} account. Click a contact's name to view his or her details.
`</apex:pageBlock>`
`<apex:pageBlock title="Contacts">`
`<apex:form>`
`<apex:dataTable value="{!account.Contacts}" var="contact" cellPadding="4" border="1">`
`<apex:column>`
`<apex:commandLink rerender="detail">`
`{!contact.Name}`
`<apex:param name="cid" value="{!contact.id}"/>`
`</apex:commandLink>`
`</apex:column>`
`</apex:dataTable>`
`</apex:form>`
`</apex:pageBlock>`
`<apex:outputPanel id="detail">`
`<apex:detail subject="{!$CurrentPage.parameters.cid}" relatedList="false" title="false"/>`
`</apex:outputPanel>`
`</apex:page>`

`</apex:column>`
`</apex:dataTable>`
`</apex:form>`
`</apex:pageBlock>`
`<apex:outputPanel id="detail">`
`<apex:detail subject="{!$CurrentPage.parameters.cid}" relatedList="false" title="false"/>`
`</apex:outputPanel>`
`</apex:page>`

Consider the code above.

When a user clicks on the Link of a Contact's name, what happens?

- A. ☐ Nothing happens; the commandLink is missing an action attribute.
- B. ☐ A new page opens, showing the Contact's details.
- C. ☐ The outputPanel refreshes, showing the Contact's details.
- D. ☐ The page refreshes, showing the Contact's details.

Ans:C

64.process has successfully run?

64 of 65. How should a developer assert that a trigger with an asynchronous process has successfully run?

- A. ☐ Insert records into Salesforce, use seeAllData=true, then perform assertions.
- B. ☐ Create all test data in the test class, use System.runAs() to invoke the trigger, then perform assertions.
- C. ☐ Create all test data, use @future in the test class, then perform assertions.
- D. ☐ Create all test data in the test class, invoke Test.startTest() and Test.stopTest() and then perform assertions,

Ans:D

65.benefits of using external ids?

65 of 65. What are two benefits of using External IDs?
Choose 2 answers

- A. ☐ An External ID can be a formula field to help create a unique key from two fields in Salesforce.
- B. ☐ An External ID field can be used to reference a unique ID from another, external system.
- C. ☐ An External ID is indexed and can improve the performance of SOQL queries.
- D. ☐ An External ID can be used with Salesforce Connect to make external data visible in Salesforce.

Ans: B,C