

# **Microsoft**

## **Exam MB6-894**

**Development, Extensions and Deployment for Microsoft Dynamics  
365 for Finance and Operations**

Version: Demo

**[ Total Questions: 10 ]**

**Question No : 1**

You are writing an X++ method.

You need to perform the same logic for multiple records in the database.

How should you iterate over multiple records in X++?

- A. Declare a table buffer variable, and then write a "while select" statement to iterate through each record.
- B. Declare a shared variable for the table, and use the next() method to read each record.
- C. Declare a RecordSortedList variable for the table, and use the next() method to read each record.
- D. Declare an enumerator for the table, and call the moveNext() method to read each record.

**Answer: A**

**Explanation:**

Section: Read and Write Basic X++ (20-25%)

Explanation

Explanation/Reference:

**Question No : 2**

You are extending primitive data types to make your code more readable, and you need to assign

Extended Data Types (EDT) properties.

Which best practice should you follow?

- A. Do not leave the display length and style an Auto.
- B. Ensure that the HelpText property is the same as the label.
- C. Do not use labels for user interface text.
- D. Ensure that you reference an EDT when creating table fields.

**Answer: D**

**Explanation:**

Section: Develop new elements by using Application Explorer (20-25%)

Explanation

Explanation/Reference:

Wherever possible, you should avoid the creation of table fields which don't reference an EDT, as this makes potential future changes more difficult to implement.

**Question No : 3**

You are a developer working on a new customized form and are troubleshooting a defect on the form.

The form displays a summary for each line. The defect report says that the form shows the incorrect

summary for return order lines.

A display method provides the summary, and the method calls the following:

```
public str salesLineSummary(  
SalesType _type,  
str _orderNum,  
ItemId _itemId,  
Qty _lineQty,  
Amount _lineAmount  
)  
{  
Amount baseAmount = _lineAmount > 0 ? _lineAmount : -1 * _lineAmount;  
str formattedAmount = num2Str(baseAmount, 10, 2, DecimalSeparator::Dot,  
ThousandSeparator::Comma);
```

```
str summary;

switch (_type)

{

case SalesType::Sales:

summary = strFmt('Order %1 ordered %2 of %3 [Subtotal: %4]',

_orderNum, _lineQty, _itemId, formattedAmount);

break;

case SalesType::ReturnItem:

summary = strFmt('RMA %1 expecting %2 of %3 for %4 credit',

_orderNum, _lineQty, _itemId, formattedAmount);

default:

summary = strFmt('Journal %1: %2 of %3', _orderNum, _lineQty,

_itemId);

}

return summary;

}
```

You need to fix the defect in the most efficient way possible.

Which modification should you make?

- A. Remove the default block of code from the switch statement.
- B. Add an If statement to the default block of code in the switch statement.
- C. Exchange the SalesType::Sales with the SalesType::ReturnItem blocks of code in the switch statement.
- D. Add a break statement before the default block of code in the switch statement.

**Answer: D**

**Explanation:**

Section: Read and Write Basic X++ (20-25%)

Explanation

Explanation/Reference:

**Question No : 4**

Employees who use a Cloud point-of-sale (POS) at a store report that the product information is not current. There is no Retail Store Scale Unit deployed at the store, and you suspect that the scheduler job that updates product information has failed.

Which two actions can you take to check the status of the scheduler job? Each correct answer presents a complete solution.

- A.** In Event Viewer, look at the Commerce-RetailServer event log for an event that references the job.
- B.** In Lifecycle Services (LCS), look in Environment monitoring, and search Activity for the batch job that includes the scheduler job.
- C.** In Retail Headquarters, look at the history of the distribution schedule that includes the scheduler job.
- D.** In the Cloud POS, look at the Database connection status screen for the job.

**Answer: B,C**

**Explanation:**

Section: Develop and extend retail components (15-20%)

Explanation

Explanation/Reference:

Retail distribution jobs uses the commerce data exchange async server and the retail scheduler.

The components of messages, environments, and jobs are all collected and surfaced up to LCS to provide a one-stop overview of diagnostics and monitoring.

Related Lesson: About Lifecycle Services

**Question No : 5**

You are developing a Fleet management module for Microsoft Dynamics 365 Finance and Operations.

You create an FMVehicle table to store information that is specific to each vehicle in your

fleet.

Now, you need to create a form that allows users to view and edit all of the information related to a vehicle.

Which form pattern should you use to accomplish this goal?

- A. Workspace Operational
- B. List Page
- C. Dialog - Basic
- D. Details Master

**Answer: D**

**Explanation:**

Section: Manage the User Interface and Security for Developers (20-25%)

Explanation

Explanation/Reference:

Operational workspace: This is the standard pattern currently used for workspace development. Because of the set of components that are permitted in it, this pattern has superior performance over the deprecated "workspace" pattern. For this reason and to ensure visual and behavioral consistency with the other workspaces in the system, we recommend that you use this pattern.

List Page: A list page presents a set of data on a user interface that is optimized so that you can browse records, find the right record, and then take an action upon that record. The list page lets the user search, filter, and sort the data. FactBoxes on the right side of the grid show related data for the active record.

Actions that are relevant to the record are located on the ActionPane at the top of the page. The use of this pattern is now discouraged when there is a 1:1 correspondence between the List Page and Details page.

Current guidance is to use this pattern only in other situations, such as when list pages have no backing details pages or have multiple backing details page (for example, when project quotations and sales quotations are shown together in the same List Page).

Detail Master: A details form is the primary method for entering data. These forms let the user view, edit, and act upon data. All content on these form types is structured into FastTabs that can be expanded and collapsed, so that multiple FastTabs can be open at the same time. The FastTabs can contain fields or a grid, and each FastTab can have a local toolbar. This is the basic Detail Master pattern. This is the pattern that you should use by default.

You have built a package to deploy retail modifications into a source environment for multiple models.

What is a result of building this package?

- A. Build artifacts are removed from the previous build.
- B. The .NET module that contains the element is incorporated.
- C. Only recently changed objects are rebuilt.
- D. Only the elements for the current project are built.

**Answer: A**

**Explanation:**

Section: Develop and extend retail components (15-20%)

Explanation

Explanation/Reference:

"Copy and publish build artifacts" uploads the deployable package to VSTS artifacts location.

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/dev-itpro/perf-test/continuous-build-testautomation>

**Question No : 7**

You are an Independent Software Vendor (ISV) developer.

You are working on a new solution that will support multiple languages and regions, and you need to use labels.

Which two best practices should you follow when using the labels? Each correct answer presents a complete solution.

- A. Use descriptive text for the label file ID.
- B. Use labels for elements and artifacts.
- C. Use the name of the model for of the label file name.
- D. Use a new label ID for every element or artifact.

**Answer: B,C**

**Explanation:**

Section: Develop new elements by using Application Explorer (20-25%)

Explanation

Explanation/Reference:

You should use labels for every user-facing element or artifact in Dynamics 365 for Finance and Operations.

For multi-language label files, you should ensure that labels contain appropriate translations of the activity or item that they describe.

You should also use labels when programming for all external strings.

You should create a label file with the same name as the associated model.

**Question No : 8**

You are working in a Microsoft Dynamics 365 for Finance and Operations environment that has an existing form named ModifyData and a display menu item named ModifyData1, which opens ModifyData. You create a second menu item named ModifyData2 that also opens ModifyData.

A privilege named ModifyData1View has the ModifyData1 menu item as an entry point with Read access.

There is also a privilege named ModifyData1Maintain that has the ModifyData1 menu item as an entry

point, with the Access Level property set to Delete. You create a new privilege named ModifyData2View

and add the ModifyData2 menu item as an entry point. You set the Access Level property to Read on the

ModifyData2 entry point.

You need to create a new duty named DataManager so that a role with this duty can delete data from

ModifyData when accessed through ModifyData1 and read data on the ModifyData form when accessed through ModifyData2.

What should you do to achieve this goal?



- A. Grant the ModifyData1Maintain privilege and the ModifyData2View privilege to the DataManager duty.
- B. Grant the ModifyData2View privilege to the DataManager duty.
- C. Grant the ModifyData1Maintain privilege to the DataManager duty.
- D. Grant the ModifyData1View privilege and the ModifyData2View privilege to the DataManager duty.

**Answer: A**

**Explanation:** Section: Manage the User Interface and Security for Developers (20-25%)

**Question No : 9**

You are working for a client in Microsoft Dynamics 365 for Finance and Operations. You design and build a custom package, and upload it to the Asset library in Lifecycle Services (LCS).

You need to apply the custom package to the client's Tier 2 environment for testing by generating a runbook.

Which two files are required to generate the runbook? Each correct answer presents part of the solution.

- A. the topology data file
- B. the development installation service model data file
- C. the hotfix installation information file
- D. the service model file

**Answer: A,D**

**Explanation:**

Section: Understand the architecture and development environment (20-25%)

Explanation

Explanation/Reference:

Runbook – The deployment runbook is a series of steps that is generated and used to apply the

deployable package to the target environment. Some of the steps are automated, and some are manual.

AXUpdateInstaller enables these steps to be run one at a time and in the correct order.

AXUpdateInstaller.exe generate -runbookid=[runbookID] -topologyfile=[topologyFile] -servicemodelfile=[serviceModelFile] -runbook

Here is an explanation of the parameters that are used in this command:

[runbookID] – A parameter that is specified by the developer who applies the deployable package.

[topologyFile] – The path of the DefaultTopologyData.xml file.

[serviceModelFile] – The path of the DefaultServiceModelData.xml file.

[runbookFile] – The name of the runbook file to generate (for example, AOSRunbook.xml).

### Question No : 10

You are planning to use X++ to develop a solution that will update multiple records.

You need to ensure that if the solution attempts to modify records that are currently being edited by a user, the operation will be retried.

Which type of exception should you handle?

- A. UpdateConflict
- B. CodeAccessSecurity
- C. UpdateConflictNotRecovered
- D. Deadlock

**Answer: A**

**Explanation:**

Section: Read and Write Basic X++ (20-25%)

Explanation

Explanation/Reference:

UpdateConflict: Indicates that an error has occurred in a transaction that is using Optimistic Concurrency

Control. The transaction can be retried (use a retry statement in the catch block).