



MB-500^{Q&As}

Microsoft Dynamics 365 Finance and Operations Apps Developer

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**QUESTION 1**

A company uses Dynamics 365 Finance.

You implement an extension of a method named calc in ClassA. The calc method:

1.

Accepts an integer as an input parameter.

2.

Returns an integer as an output parameter.

You must implement an extension to:

1.

Extend the calc method.

2.

Prevent the standard code from running if the value of the input parameter is greater than 10.

You need to implement the correct solution.

Which code segment should you use?

```
if ( truckTable.TruckStatus == 4 || truckTable.TruckStatus == 5 )  
{  
    Info("Extended");  
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

Class extension - Method wrapping and Chain of Command

Wrapper methods must always call next (not B)

Wrapper methods in an extension class must always call next, so that the next method in the chain and, finally, the original implementation are always called. This restriction helps guarantee that every method in the chain contributes to the

result.

In the current implementation of this restriction, the call to next must be in the first-level statements in the method body.



Here are some important rules:

Calls to next can\\'t be done conditionally inside an if statement. (not D)

Calls to next can\\'t be done in while, do-while, or for loop statements.

A next statement can\\'t be preceded by a return statement.

Because logical expressions are optimized, calls to next can\\'t occur in logical expressions. At runtime, the execution of the complete expression isn\\'t guaranteed.

Incorrect:

Not B: Need to use the next keyword.

Not C: Use the if-statement before the next-statement to prevent the standard code to run.

Not D: Calls to next can\\'t be done conditionally inside an if statement.

Reference:

<https://learn.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

QUESTION 2

DRAG DROP

A company has a cloud-based installation of Dynamics 365 Finance. The company also has Dynamics 365 Sales and Customer Service systems.

The company implements an analytical reports solution.

You need to select the applicable storage feature for each requirement.

Which storage feature should you use to meet each requirement? To answer, drag the appropriate storage options to the correct requirements. Each storage option may be used once, more than once, or not at all. You may need to drag the

split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Storage types

- Entity store
- Bring your own database

Answer Area

Requirement	Storage type
Import data from various systems into one reporting database and extend tables.	<div></div>
Develop and extend Power BI reports and publish automatically through the application deployment lifecycle.	<div></div>



Correct Answer:

Storage types
Answer Area**Requirement**

Import data from various systems into one reporting database and extend tables.

Develop and extend Power BI reports and publish automatically through the application deployment lifecycle.

Storage type**QUESTION 3****DRAG DROP**

A company plans to deploy Dynamics 365 Unified Operations.

You need to recommend deployment options for the company.

What should you recommend? To answer, drag the appropriate deployment options to the correct application requirement. Each deployment option may be used once, more than once, or not at all. You may need to drag the split bar between

panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Deployment types**Answer Area****Requirement**

Export data to your own data warehouse.

Configure SharePoint integration.

Implement Lifecycle services.

Implement Task Recorder.

Deployment type

Correct Answer:



Deployment types	Requirement	Deployment type
cloud only	Export data to your own data warehouse.	cloud or on-premises
on-premises only	Configure SharePoint integration.	cloud only
cloud or on-premises	Implement Lifecycle services.	cloud or on-premises
	Implement Task Recorder.	cloud only

Reference: <https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/fin-ops/get-started/cloud-prem-comparison>

QUESTION 4

DRAG DROP

You need to deploy the web portal integration solution.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Add the package to source control and check in changes.

Build and create a deployment package.

Import the model into a Development environment.

Synchronize the models in the Developer environment by using **Get latest** feature.

Import the model into the Build environment.

Import the model into a QA environment.

Import the deployment package in another development environment.

Answer Area



Correct Answer:

Actions

Import the model into the Build environment.
Import the model into a QA environment.
Import the deployment package in another development environment.

Answer Area

Add the package to source control and check in changes.

Import the model into a Development environment.

Synchronize the models in the Developer environment by using **Get latest** feature.

Build and create a deployment package.

Scenario: You must install and configure a third-party solution for credit card processing within Dynamics 365 Finance. The third-party company will provide a deployable package.

You must develop a web portal that allows customers to browse products, place orders, and check order status. Product data for the web portal must be integrated as periodic batches.

You must configure the warehouse mobile device portal for warehouse operations.

You must install a third-party solution to support web portal integration. The solution is supplied as a source code model file.

Step 1: Add the package to source control and check in the changes.

Deployable packages from third parties can be manually installed on a development VM, and the installed artifacts can then be added to source control.

Step 2: Import the model into a Development environment.

Install a model in a development environment

Step 3: Synchronize the models in the Developer environment by using Get latest feature

Because the models and runtime packages are in source control, other developers who use other development environments can just synchronize the models and packages to their workspace by using the Get latest feature of source control.

Step 4: Build and create a deployment package



The build process will include this runtime package in the final deployable package. This allows customers to take the deployable package from the build and have one package to deploy to their environments. The one package includes both

custom solutions and all the third party solutions.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime-packages>

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/dev-tools/manage-runtime-packages#deploying-third-party-code>

QUESTION 5

You are a Dynamics 365 Finance developer. You need to create an extension class. Which action should you perform?

- A. Mark the class as final.
- B. Add the suffix .extension to the file name.
- C. Mark the class as protected.
- D. Mark the class as private.

Correct Answer: A

Extension classes are final classes that are adorned with the ExtensionOf attribute and that also have a name that has the _Extension suffix.

Because the classes are instantiated by the runtime system, it's not meaningful to derive from the extension class. Therefore, the extension class must be marked as final.

Reference:

<https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/method-wrapping-coc>

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