

Actual exam question from Microsoft's MB-500

Question #: 1

Topic #: 1

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Operational Workspaces pattern.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 2

Topic #: 1

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Details Master pattern.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 3

Topic #: 1

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are a Dynamics 365 Finance developer.

You need to monitor system performance.

Which tools should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Review overall health of the system, as well as currently running processes and historical data.

Review the load time and latency of different forms.

Review a single process and see the code and SQL statements that are being run.

Tool

LCS Environment Monitoring tool
Fiddler
Trace Parser
SQL Profiler

LCS Environment Monitoring tool
Fiddler
Trace Parser
SQL Profiler

LCS Environment Monitoring tool
Fiddler
Trace Parser
SQL Profiler

Actual exam question from Microsoft's MB-500

Question #: 4

Topic #: 1

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You have a virtual machine that includes Visual Studio.

You need to display the elements by model.

What should you do?

- A. Select Model management from the menu and then select View all package dependences.
- B. Right-click the Application Object Tree (AOT) node in Application Explorer and select Model View.
- C. Select Metadata Search from the Dynamics 365 menu.
- D. Select Model Management from the menu and then select Refresh Models.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 5

Topic #: 1

[\[All MB-500 Questions\]](#)

HOTSPOT -

You have a Dynamics 365 Finance development environment.

You must add default filters to the fleet management form. You must view only sales that occur in the current sales period and where the Customer name field contains the text Wholesales.

You need to configure filtering.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

	Element	Value
SysQuery method		<div style="border: 1px solid black; padding: 5px;"><input type="checkbox"/> addRangesFromKeyData <input type="checkbox"/> range <input type="checkbox"/> packRangeAndSortOrder <input type="checkbox"/> mergeFilters</div>
SysQueryRangeUtil		<div style="border: 1px solid black; padding: 5px;"><input type="checkbox"/> lessThanDate <input type="checkbox"/> currentDate <input type="checkbox"/> dateRange <input type="checkbox"/> monthRange</div>
Filter clause		<div style="border: 1px solid black; padding: 5px;"><input type="checkbox"/> *Wholesales <input type="checkbox"/> ..Wholesales <input type="checkbox"/> Wholesales* <input type="checkbox"/> *Wholesales*</div>

Actual exam question from Microsoft's MB-500

Question #: 6

Topic #: 1

[\[All MB-500 Questions\]](#)

You need to prepare to deploy a software deployable package to a test environment.

What are two possible ways to achieve the goal?

Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. In Visual Studio, export the project and upload the project to the asset library.
- B. In Azure DevOps, queue a build from the corresponding branch and upload the model to the asset library.
- C. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.
- D. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the asset library.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 7

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP -

You are configuring your developer environment by using Team Explorer.

There are several developers working on a customization.

You need to ensure that all code is checked in and then merged to the appropriate branches.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Select and Place:

Answer Area

Actions

Map the Microsoft Azure DevOps project to your local developer machine.

Create a test branch.

Create a dev branch.

Connect to the Microsoft Azure DevOps project.

Create a main branch.

Actual exam question from Microsoft's MB-500

Question #: 8

Topic #: 1

[\[All MB-500 Questions\]](#)

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 class buffer as the first parameter.
- C. Mark the class as protected.
- D. Mark the class as public.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 9

Topic #: 1

[\[All MB-500 Questions\]](#)

You are training a new Dynamics 365 Finance developer.

You need to explain the relationships between models, packages, and projects to the new hire.

Which three design concepts should you explain? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. A project can contain elements from multiple models.
- B. A model is a group or collection of elements that constitute a distributable software solution.
- C. A Visual Studio project can belong to more than one model.
- D. A model is a design time concept.
- E. A package is a deployment unit that may contain one or more models.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 10

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP -

You are a Dynamics 365 Finance developer.

Users must be able to view a filtered customer list from within a workspace.

You need to add the customer form to a workspace.

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 on the correct order.

Select and Place:

Answer Area

Actions

Navigate to the Workspace form and select **Find form to add.**

Select **Workspace and Presentation options.**

Select the **Options** action pane tab and then select **Add to workspace.**

Open the customer form and apply filters to the grid.

Select **Configure.**

Select the General menu item then select **Add to workspace.**

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 11

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP -

You are a Dynamics 365 Finance developer.

You need to troubleshoot performance issues for a client.

Which Lifecycle Services (LCS) tools should you use for each environment? To answer, drag the appropriate environment types to the correct tools. Each environment type may be used once, more than once, or not at all. You may need to drag the split bar between panes scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

Environment types

User Acceptance Testing (UAT) only

Build only

User Acceptance Testing (UAT) and Build

Tool

Activity Monitoring

SQL Insights

System Diagnostics

Environment type

Show Suggested Answer



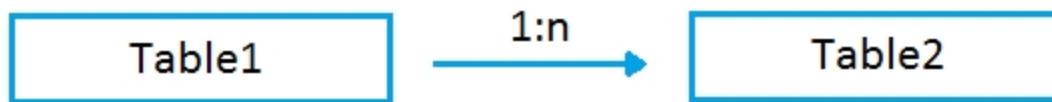
Actual exam question from Microsoft's MB-500

Question #: 12

Topic #: 1

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You have two tables as shown in the following exhibit:



You need to configure Table1 to ensure that records cannot be deleted from Table1 if Table2 contains related records.

Which value should you use for the OnDelete property?

- A. None
- B. Cascade
- C. Cascade + Restricted
- D. Restricted

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 13

Topic #: 1

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Simple List pattern.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 14

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP -

You need to map the Dynamics 365 Finance components into the standard models.

Which component belongs to which model? To answer, drag the appropriate models to the correct components. Each model 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:

Models

Application Platform

Application Suite

Application Foundation

Answer Area**Component**

Number Sequence

Global Address Book

Workflow & Services

SSRS Reporting

Model

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 15

Topic #: 1

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create a new form in a project.

You need to display tabs in a vertical alignment.

Solution: Apply the Table of Contents pattern.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 16

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP -

A company uses Dynamics 365 Supply Chain Management.

You need to monitor system performance.

Which tool should you use? To answer, drag the appropriate tools to the correct requirements. Each tool 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:

Tools

Activity monitoring

SQL insights

Health metrics

Answer Area

Requirement

Determine what a user was doing during a specific time period

Identify the number of distinct user sessions

View a list of transaction locks

Tool

Tool

Tool

Tool

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 17

Topic #: 1

[\[All MB-500 Questions\]](#)

You are implementing Dynamics 365 Supply Chain Management for a customer.

The complete solution involves an ISV product that was obtained from Microsoft AppSource.

You notice that there is a significant slowdown in certain screens once the ISV product is installed.

You need to determine the cause of the issue.

Which Lifecycle Services (LCS) tool or functionality should you use?

- A. SQL Server Runtime
- B. SQL Insights
- C. Regression suite automation tool (RSAT)
- D. Impact analysis report
- E. Issue search

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 18

Topic #: 1

[\[All MB-500 Questions\]](#)

You are training a new Dynamics 365 Finance developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations.

For which scenario should you recommend asynchronous integration?

- A. A retailer requires all new customer data captured at point of sale (POS) terminals through the day sent back to the system.
- B. A retailer wants to ensure gift card balances are communicated back to the system from point of sale (POS) terminals in near real-time.
- C. A manufacturer wants to move production data from an on-premises deployment Dynamics 365 Finance in near real-time.
- D. A warehouse wants to track movement of all inventory from scanners to the system.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 19

Topic #: 1

[\[All MB-500 Questions\]](#)

A company has a cloud-based installation of Dynamics 365 Finance.

A user reports slow response times in the application when accessing the production environment.

You need to diagnose the performance issue by using the Environment monitoring tool.

Which two features of the Environment monitoring tool should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. System diagnostics
- B. Customization analysis
- C. Health metrics
- D. Availability monitoring
- E. SQL insights

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 20

Topic #: 1

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Supply Chain Management. You create a customization in a development environment.

You need to create a software deployable package so that you can deploy the customization to a test environment.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. In Visual Studio, export the project and upload the project to the asset library.
- B. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.
- C. In Azure DevOps, extract the model from a package and upload the model to the asset library.
- D. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the asset library.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 21

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company uses Dynamics 365 Finance. The company creates an asset library.

You need to upload assets for a solution to the asset library.

Which asset types should use? To answer, drag the appropriate asset types to the correct activities. Each asset type 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.

Asset type	Answer Area	Activity	Asset type
GER configuration		Upload a logo of various sizes to be used in other environments	
Marketing asset		Upload an electronic report to be used for a free text invoice in Dynamics 365 Finance	
Retail SDK		Upload a region-specific solution developed for a ledger account in the form of an ISV	
Localized financial report			

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 22

Topic #: 1

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Finance.

You create a new form that must have the ability to open from the menu.

You need to set up the form for the menu.

What should you add to the menu?

- A. display menu item
- B. menu reference
- C. output menu item
- D. action menu item

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 23

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company is implementing Dynamics 365 Finance.

You are extending the standard fixed asset functionality to develop a new feature.

You need to select the appropriate components for the solution.

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component 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.

Component	Answer Area	Requirement	Component
<input type="checkbox"/> Model		Group elements for deployment as a unit.	<input type="checkbox"/>
<input type="checkbox"/> Package		Manage and organize a group of elements during development.	<input type="checkbox"/>
<input type="checkbox"/> Project			

Actual exam question from Microsoft's MB-500

Question #: 24

Topic #: 1

[\[All MB-500 Questions\]](#)

HOTSPOT

-

You are building analytical components for users in Dynamics 365.

You need to determine the appropriate component to use for several scenarios.

Which component should you use for each scenario? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Scenario	Component
Users need to see updated information in an object that can be pinned on their workspace.	<input type="checkbox"/> Tile <input type="checkbox"/> Enumeration <input type="checkbox"/> Dashboard
A default homepage must be based on a user's security role.	<input type="checkbox"/> Dashboard <input type="checkbox"/> Self-service BI <input type="checkbox"/> Tile
Users must be able to modify or create new analytic content.	<input type="checkbox"/> Embedded BI <input type="checkbox"/> Contextual BI <input type="checkbox"/> Self-service BI

Actual exam question from Microsoft's MB-500

Question #: 25

Topic #: 1

[\[All MB-500 Questions\]](#)

You need to prepare to deploy a software deployable package to a test environment.

What should you do to prepare?

- A. In Visual Studio, create a Dynamics 365 deployment package and upload the package to the asset library.
- B. In Azure DevOps, queue a build from the corresponding branch and upload the model to the asset library.
- C. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 26

Topic #: 1

[All MB-500 Questions]

DRAG DROP

A banking company is creating custom functionality to consolidate and post financial transactions.

You need to create menu items for the following business processes:

- Process1 – Automatically check new transactions against validation rules every hour.
- Process2 – Manually review and correct transactions that have errors. No preprocessing is done.
- Process3 – Export transactions to another system when they successfully post.

You need to select the menu item type for each process.

Which menu item types should you use? To answer, drag the appropriate menu item types to the correct processes. Each menu item type 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.

Menu item types

Action
Display
Output

Answer Area

Process	Menu item type
Process1	<input type="text"/>
Process2	<input type="text"/>
Process3	<input type="text"/>

Actual exam question from Microsoft's MB-500

Question #: 27

Topic #: 1

[\[All MB-500 Questions\]](#)

You are training a new Dynamics 365 Finance developer.

You need to recommend where asynchronous integrations should be used instead of synchronous integrations.

For which scenario should you recommend asynchronous integration?

- A. A company uses workflow for purchasing approvals, which then sends just-in-time approval information to a third-party application for approvers to review.
- B. A manufacturer wants to move production data from an on-premises deployment Dynamics 365 Finance in near real-time.
- C. A company uses an on-premises inventory management system that needs to receive sales order data every hour throughout the day.
- D. A warehouse wants to track movement of all inventory from scanners to the system.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 28

Topic #: 1

[\[All MB-500 Questions\]](#)

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. Mark the class as public.
- C. Add the suffix .extension to the file name.
- D. Mark the class as protected.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 29

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company plans to implement Dynamics 365 Finance.

The company is unsure whether to use a cloud implementation or an on-premises implementation.

You need to determine the features that you can use for each implementation.

Which feature can you use? To answer, drag the appropriate features to the correct implementation types. Each feature 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.

Features

Mobile app, workspaces, and platform

Save or load task recordings from the BPM library

Integration with Power BI Desktop

Answer Area

Implementation type

Cloud only

On-premises only

Both cloud and on-premises

Feature

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 30

Topic #: 1

[All MB-500 Questions]

Case study -

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study -

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background -

Munson's Pickles and Preserves Farm produces and sells jarred food goods. The organization has several production and warehouse locations across the United States. Each location runs both production and warehousing operations. The company has three locations: East, Central, and West.

The company is upgrading its Dynamics AX 2009 system to Dynamics 365 Finance.

Current environment. General -

Munson's Pickles and Preserves Farm plans to migrate customizations, data, and integration from its legacy system into Dynamics 365 finance and operations apps.

The Dynamics 365 finance and operations environment includes:

- multiple cloud-hosted development environments using Microsoft Visual Studio 2017
- a Microsoft Azure DevOps project for source control
- two tier 2 environments for user acceptance testing and staging, as well as production

Munson's Pickles and Preserves Farm is currently in the planning and development phase of the upgrade process. The company's internal development team needs additional development resources to address issues. The company already created a project that is set up to use a custom model named GPExtensions.

Current environment. Integrations

Munson's Pickles and Preserves Farm has a new integration for its freight processing information. The internal development team created the secure file transfer protocol (SFTP) site for the source information to be stored and the staging table to house the source information once the data is added to Dynamics 365 Finance. Information from the source will be transferred once a day from the source system and integrated with the target system. More than 10,000 records will be transferred over the integration. The company created an aggregate entity for the integration to minimize the amount of transmitted data.

Munson's Pickles and Preserves Farm has added a new integration for freight processing where all item weights, dimensions, and other factors will be configured in the external portal while planning the loads. Once the load is planned, it will be integrated into Dynamics 365 finance and operations apps for the freight invoice processing to occur.

No duplicate invoices or posting are associated with the freight invoice charges. The integration of this information from the source system is intended only for report creation and compilation purposes.

Current environment. Planned changes

Munson's Pickles and Preserves Farm wants to change inventory forms to fit its current needs. Any modifications or enhancements must follow the existing functionality for forms in Dynamics 365 Finance.

Requirements. Integrations -

All data from integrations have the same format as an existing Dynamics 365 Finance apps field. All enhancements or customizations must use existing assets before creating new functionality.

Munson's Pickles and Preserves Farm wants to change its integration strategy to include real-time data from the freight processing source system. The inventory must update as it is sold from the system. That information will be updated in Dynamics 365 Finance.

The freight processing integration requires the use of an SFTP site to store XML files from the source system. The additional integration will use OData and must be transferred in real time.

A periodic batch job must:

- Pull data from the SFTP site.
- Import the data to a staging table used to hold the information from the source system.
- Map source data to the target table in Dynamics 365 Finance.

The imported Load ID field must be added to the Sales Order header for all processed orders. Additional requirements for integrations, including other integration strategies, may be necessary as the company grows. Existing tables must be changed to include the Load ID. The database will need to be synched before adding the Load ID field.

Requirements. Changes -

Munson's Pickles and Preserves Farm must change the Inventory Status form to include more columns. It plans to create a table to enter the data for the Inventory Status form as a new data source. The company wants to add both the Product Name field and Batch ID field to this new table. The current form includes the item number, location, license plate, product inventory dimensions, and quantity.

The grid on the Inventory Status form must include the product name by using the item number and legal entity. The user interface must be created to include the new columns and the data must be available to add to the grid. The form must have only an Action Pane, a Navigation List, a List Style Grid, a Details Header, and a Details Tab in the design and include the Load ID field.

Munson's Pickles and Preserves Farm is currently in the process of adding the other required fields: one for Product Name and one for Batch ID. The new fields must be related to extended data types for the original fields on the existing data source for the Inventory Status form. Munson's Pickles and Preserves Farm plans to add the EcoResProductName and Batch ID data to the extended table for WHSTmpStatusChange. The fields on the table extension must be populated with data and visible on the Inventory Status form on insert.

Issues -

- The internal development team has created the SFTP site connections, the staging table, and the batch jobs for the new integration for freight processing. The development team needs to map the source data to the target table and the data management workspace. The development team notices errors with mapping target fields in the data management workspace. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.
- The internal development team has issues adding the required fields to the Inventory Status standard form. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.

You need to apply a pattern to the newly created form to satisfy the requirements.

Which form pattern should you apply?

A. Simple List and Details

B. Table of Contents

C. List Page

D. Details Master

Show Suggested Answer

Actual exam question from Microsoft's MB-500

Question #: 31

Topic #: 1

[\[All MB-500 Questions\]](#)

You need to prepare to deploy a software deployable package to a test environment.

What should you do to prepare?

- A. In Azure DevOps, queue a build from the corresponding branch and upload the package to the asset library.
- B. In Visual Studio, export the project and upload the project to the asset library.
- C. In Azure DevOps, queue a build from the corresponding branch and upload the model to the asset library.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 32

Topic #: 1

[\[All MB-500 Questions\]](#)

DRAG DROP

-

You have an Azure DevOps project that has Dev and Test branches.

The Test branch is used for deploying artifacts in a test environment.

You must merge code from the last Dev branch and check-in the code to Test.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

In the Source Control Merge wizard, set the target branch to **Test**.

In the Source Control Merge wizard, select Selected changesets.

Right-click the **Test** branch and select Merge.

Connect a Visual Studio workspace to an Azure DevOps project.

Map the **Test** branch to a local folder on your machine.

Answer area



[Show Suggested Answer](#)

Actual exam question from Microsoft's MB-500

Question #: 1

Topic #: 2

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You need to ensure that an integration is triggered when a specific process starts.

Which tool should you use to retrieve the status from the Production order?

- A. Batch job
- B. Periodic flow
- C. Business event
- D. Recurring Data Entity export

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Actual exam question from Microsoft's MB-500

Question #: 2

Topic #: 2

[\[All MB-500 Questions\]](#)

HOTSPOT -

You create the following cloud-based Dynamics 365 Finance environments:

Name	Comments
Development	Visual Studio workspace is configured and connected to an Azure DevOps branch.
Build	A Build pipeline is configured.
Standard Acceptance Test	This is a sandbox environment for testing customizations.

A developer creates code extensions in the Development environment. The developer checks the code changes into an Azure DevOps branch.

You need to deploy the code changes to the Standard Acceptance Test environment.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

How should you prepare the package?

- Export the Visual Studio project as an .axpp file.
- Build the code in a DevOps pipeline.
- Export the Visual Studio solution as a file.

In which section of the Lifecycle Services (LCS) should you store the package?

- Work items
- Solution management
- Asset library

How should you install the customization?

- Select Maintain and then Apply updates.
- Select Maintain and then Upgrade.
- Select LCS project and then Business process modeler.
- Select LCS project and then Code upgrade.

Actual exam question from Microsoft's MB-500

Question #: 3

Topic #: 2

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You make changes to an existing custom class.

The code comparison tool shows version conflicts between your version and the latest checked-in version of the custom class.

In Visual Studio, you open the Source Control Explorer. You locate the latest changeset for the class and you open the changeset in Team Explorer.

You need to compare the latest code that is in source control with the code that you created.

Which option should you use?

- A. Compare with Workspace Version
- B. Compare with Previous Version
- C. View History
- D. Compare with Latest Version

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 4

Topic #: 2

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You are testing a workflow in a user acceptance testing environment.

You need to ensure that a specific user can accept purchase requisitions only if the requisition is in a specific status.

Which two options can you configure to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. manual decision
- B. approval process
- C. conditional decision
- D. automated task
- E. manual task

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 5

Topic #: 2

[\[All MB-500 Questions\]](#)

DRAG DROP -

A company implements Dynamics 365 finance and operations apps.

You are developing code to consume OData service endpoints. You complete the application registration process and gather the details required to create a C# console application.

You need to ensure that the console application interacts with Dynamics 365 Finance OData services.

Which three 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 custom OData service endpoints in the ODataClient list.

Add the OData v4 client code generator.

Point the MetadataDocumentUri variable to the Dynamics 365 Finance instance.

Generate proxy classes.

Answer Area



[Show Suggested Answer](#)

Actual exam question from Microsoft's MB-500

Question #: 6

Topic #: 2

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Supply Chain Management developer.

You are working on a project by using Visual Studio.

Several users check out a custom form version control and modify the form.

You need to find the user that has added a specific line of code to the form.

What should you do?

- A. Open the object in Object Designer, select the title of the object, and then right-click View History.
- B. In Solution Explorer, navigate to the object and right-click View History.
- C. Using Visual Studio, navigate to the object. Add the object to a new solution, and then right-click View History.
- D. Using Visual Studio, navigate to the object in Application Explorer and right-click View History.

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 7

Topic #: 2

[\[All MB-500 Questions\]](#)

DRAG DROP -

An error occurs when an employee creates a new workflow using a custom approval element to track the status of a document.

You need to ensure that the workflow is created correctly.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Develop the workflow approval component.

Configure the business process steps.

Create a workflow structure.

Enable the workflow for the business scenario.

Answer area

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 8

Topic #: 2

[\[All MB-500 Questions\]](#)

HOTSPOT -

A company uses Dynamics 365 Finance and Dynamics 365 Supply Chain Management. The company wants to use new functionality that relates to purchase requisitions.

You need to promote the new functionality to a test environment.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Export the functionality from the current environment

Action

Create a deployment package from the model
Create an extension as a managed solution
Export the model from the Application Object Tree (AOT)
Export the project and create an .axpp file

Import the functionality into the test environment

Apply the update to the environment in Lifecycle Services
Import the extension as a managed solution
Import the extension to Azure Data Lake
Upload the extension into the Lifecycle Services Asset library

Actual exam question from Microsoft's MB-500

Question #: 9

Topic #: 2

[\[All MB-500 Questions\]](#)

HOTSPOT

-

You are a Dynamics 365 Finance developer.

You have the following source control branches:

Branch	Associated environment
Dev	Development
Main	Test

You need to move the list of changesets from the development environment to the test environment.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Select a starting branch for the merge operation

▼

Dev ▼

Main ▼

Select the source branch

▼

Dev ▼

Main ▼

Select the destination branch

▼

Dev ▼

Main ▼

Actual exam question from Microsoft's MB-500

Question #: 10

Topic #: 2

[\[All MB-500 Questions\]](#)

HOTSPOT

You are using the Metadata search tool in Visual Studio.

You need to select the appropriate query string for various scenarios.

Which query string should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Scenario

Find tables that have method names that contain the word **insert**.

Query string

type:table.method name:insert
 type:tables,method name:insert
 type:table.method name:insert()
 type:tables.method name:insert()

Find forms where the form name includes the phrase **ccount**.

type:forms like ccount
 type:form like ccount
 type:forms ccount
 type:form ccount

Actual exam question from Microsoft's MB-500

Question #: 11

Topic #: 2

[\[All MB-500 Questions\]](#)

DRAG DROP

You are a Dynamics 365 Finance developer.

A long running process times out in the system.

You need to implement the asynchronous framework to resolve this issue.

Which class runAsync method should you use for each use case? To answer, drag the appropriate classes to the correct use cases. Each class may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

Classes

FormRun

Global

Answer Area

Use case

The process is run outside the client.

Display a message when the process is completed without a page refresh.

The page must be refreshed for the message to be displayed.

Class

Actual exam question from Microsoft's MB-500

Question #: 12

Topic #: 2

[\[All MB-500 Questions\]](#)

HOTSPOT

-

You are a Dynamics 365 finance developer. You check out elements from version control in order to make modifications.

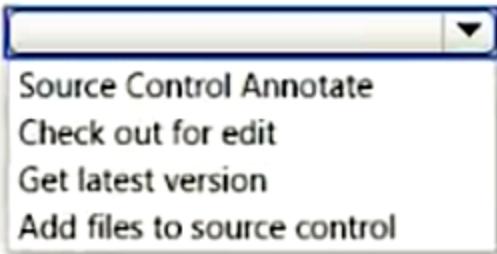
You need to check in the modified elements to version control.

What should you do? To answer, select the appropriate option in the answer area.

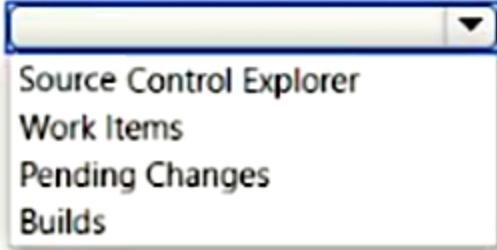
NOTE: Each correct selection is worth one point.

Answer Area

Right-click the modified element and select:



In Team Explorer, check in changes using the following option:



[Show Suggested Answer](#)

Actual exam question from Microsoft's MB-500

Question #: 13

Topic #: 2

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company is creating custom functionality to manage rentals by using Dynamics 365 Supply Chain Management.

You need to create menu items for the following business processes:

- Create new rental in a form grid.
- View a list of all rental assets in an interactive form.
- Create late fee charges once a week based on unreturned items.

You need to create the menu items.

Which menu item types should you use? To answer, drag the appropriate menu item types to the correct business process. Each menu item type 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.

Menu item types

Action
Display
Output

Answer Area



Business process

Create new rentals.

View all rental assets.

Create late fees.

Menu item type

Actual exam question from Microsoft's MB-500

Question #: 1

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP -

A company has a Dynamics 365 Finance environment.

You need to implement indices for new tables.

Which types of indexes should you use? To answer, drag the appropriate types of indexes to the correct requirements. Each type of index 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:

Answer Area

Index types

Requirement

Provide a unique key for each record in a table.

Index type

Organize the data for a table according to the physical order of the specified column.

Quickly reference data that is found by using a specified set of columns.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 2

Topic #: 3

[\[All MB-500 Questions\]](#)

You are creating a new form in Visual Studio.

You need to apply the Simple List pattern and apply the pattern to a form.

What are the two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Use form statistics.
- B. Use the Application Object Tree (AOT).
- C. Use metadata properties.
- D. Use the designer.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 3

Topic #: 3

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You have a solution that records product weights.

You must store up to four decimals of precision by using a standard Extended Data Type (EDT).

You need to add the field in a new table.

Which EDT should you extend?

- A. AmountMST
- B. MarkupValue
- C. Weight
- D. WeightBase

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 4

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create an output menu item. Add the output menu item to the form button and then link the report to the output menu item.

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 5

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create an action menu item. Add the action menu item to the form button and then link the report to the action menu item.

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 6

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create a display menu item. Add the menu display item to the form button and then link the report to the display menu item.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 7

Topic #: 3

[All MB-500 Questions]

You are a Dynamics 365 Finance developer.

You must extend the validateWrite method of the SalesLine table by using Chain of Command. The value of a variable named SalesPrice must be greater than or equal to zero when adding new lines.

You need to create an extension class.

Which two code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A.

```
[ExtensionOf(tableStr(SalesLine))]
public class SalesLine_Extension
{
    boolean validateWrite(boolean _skipCreditLimitCheck)
    {
        boolean ret;
        ret = next validateWrite(_skipCreditLimitCheck);
        if (ret && this.SalesPrice < 0)
        {
            ret = false;
        }
        return ret;
    }
}
```

B.

```
[ExtensionOf(tableStr(SalesLine))]
final class SalesLine_Extension
{
    boolean validateWrite(boolean _skipCreditLimitCheck = false)
    {
        boolean ret;
        ret = next validateWrite(_skipCreditLimitCheck);
        if (ret && this.SalesPrice < 0)
        {
            ret = false;
        }
        return ret;
    }
}
```

C.

```
[ExtensionOf(tableStr(SalesLine))]
final class SalesLine_Extension
{
    boolean validateWrite(boolean _skipCreditLimitCheck)
    {
        boolean ret;
        ret = next validateWrite(_skipCreditLimitCheck);
        if (ret && this.SalesPrice < 0)
        {
            ret = false;
        }
        return ret;
    }
}
```

D.

```
[ExtensionOf(tableStr(SalesLine))]
final class SalesLine_Extension
{
    boolean validateWrite(boolean _skipCreditLimitCheck)
    {
        boolean ret;
        try
        {
            ret = next validateWrite(_skipCreditLimitCheck);
        }
        catch
        {
            ret = false;
        }
        if (ret && this.SalesPrice < 0)
        {
            ret = false;
        }
        return ret;
    }
}
```

Actual exam question from Microsoft's MB-500

Question #: 8

Topic #: 3

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You have the following Extended Data Types (EDTs):

Name	Comments
AccountBase	Root EDT
AccountId	Derives from AccountBase

You plan to modify properties of the EDTs by using an extension.

You need to determine which operations can be performed.

Which operation is possible?

- A. Create an extension for AccountBase and decrease the field size.
- B. Create a derived EDT for AccountBase and increase the field size.
- C. Create a derived EDT for AccountId and decrease the field size.
- D. Create an extension for AccountBase and increase the field size.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 9

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Navigate to the user interface forms node for the SalesTable form and modify the form.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 10

Topic #: 3

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are a Dynamics 365 Finance developer.

You need to add a new status named InTransit to the SalesTable.SalesStatus field and use the status in code.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Action or code segment

Add the new status to SalesStatus.

<input type="checkbox"/>	Create an extension of SalesStatus.
<input type="checkbox"/>	Create an overlay of SalesStatus.
<input type="checkbox"/>	Create a new enumeration that extends SalesStatus.
<input type="checkbox"/>	Duplicate SalesStatus and add an element.

Reference new values in code.

<input type="checkbox"/>	SalesStatus::InTransit
<input type="checkbox"/>	SalesStatus.Extension::InTransit
<input type="checkbox"/>	NewSalesStatus::InTransit
<input type="checkbox"/>	SalesTable.SalesStatus

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 11

Topic #: 3

[\[All MB-500 Questions\]](#)

You add a field to the SalesTable table by using an extension.

You need to ensure that the new field is available for use in forms, reports, and code.

What are three possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Right-click the table and select Synchronize.
- B. Navigate to the Dynamics 365 menu and select Synchronize database.
- C. Right-click the solution and select Synchronize with database.
- D. Set the project property for Synchronize database on build to true and build the solution.
- E. Right-click the project and select Synchronize with database.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 12

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP -

An organization uses Visual Studio to develop customizations for Dynamics 365 Supply chain Management.

You need to create an extension for the CustTable form and add the extension to the Visual Studio project.

Which three 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

Select the **IsExtensible** property for the CustTable form.

In Solution Explorer, drag the CustTable form into the project.

Rename the new CustTable extension.

In the Application Object Tree (AOT), right-click the CustTable form and select **Add to project**.

In the Application Object Tree (AOT), right-click the CustTable form.

Select **Create extension**.

Answer Area

Actual exam question from Microsoft's MB-500

Question #: 13

Topic #: 3

[\[All MB-500 Questions\]](#)

HOTSPOT -

A user reports that a form takes a long time to load. You suspect that the issue relates to a display method.

You need to resolve the issue.

Which actions should you perform? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Action

Add the following attribute to the display method:

[SysClientCachedataMethodAttribute (true)]

Set the value of the Enabled property to **No** for any display fields that are not needed.

Set the value of the Visible property to **No** for any display fields that are not needed.

Set the value of the Skip property to **Yes** for any display fields that are not needed.

Improves performance

true	
false	

true	
false	

true	
false	

true	
false	

Actual exam question from Microsoft's MB-500

Question #: 14

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Navigate to the user interface forms section for the SalesTable form and create an extension.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 15

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Navigate to the user interface forms section for the SalesTable form and create a customization.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 16

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are developing a form for Dynamics 365 Finance.

You need to add a button that allows users to run a report.

Solution: Create a command button and link the button to the report by using the button's object property.

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 17

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class SalesLineType and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
[ExtensionOf(classStr(SalesLineType))]  
final class mySalesLineType_myExtension  
{  
    public int extensionMethodDayofWeek()  
    {  
        return dayofwk(systemDateGet());  
    }  
}
```

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 18

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class SalesLineType and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
final class mySalesLineType_Extension extends SalesLineType
{
    public int ExtensionMethodDayofWeek()
    {
        return dayOfWk(systemDateGet());
    }
}
```

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 19

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class SalesLineType and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
[ExtensionOf(classStr(SalesLineType))]  
final class mySalesLineType_Extension  
{  
    public int extensionMethodDayofWeek()  
    {  
        return dayofwk(systemDateGet());  
    }  
}
```

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 20

Topic #: 3

[\[All MB-500 Questions\]](#)

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Primary index
- B. Created by
- C. Configuration key
- D. Table group

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 21

Topic #: 3

[\[All MB-500 Questions\]](#)

You have an enumeration named truckStatus that has the following statuses:

- ⇒ Empty
- ⇒ Loaded
- ⇒ Completed

You have the following code:

```
switch (trunkTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
}
```

You need to add the following statuses to the enumeration: Quarantine, InTransit

What should you do?

- A. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.
- B. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.
- C. Add a new case statement in the model of the existing code.
- D. Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 22

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Navigate to the Visual Studio user interface forms extensions section for the SalesTable form and create an extension.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 23

Topic #: 3

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You need to create an extension class.

Which action should you perform?

- A. Decorate the class with the ExtensionOf attribute.
- B. Add the class buffer as the first parameter.
- C. Mark the class as public.
- D. Mark the class as private.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 24

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an enumeration named truckStatus that has the following statuses:

- ⇒ Empty
- ⇒ Loaded
- ⇒ Completed

You have the following code:

```
switch (truckTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
}
```

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using a range comparison for your new values.

```
if ( truckTable.TruckStatus > TruckStatus::Completed)
{
    Info("Extended");
}
```

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 25

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an enumeration named truckStatus that has the following statuses:

- ⇒ Empty
- ⇒ Loaded
- ⇒ Completed

You have the following code:

```
switch (truckTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
}
```

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the integer value of the enumeration.

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

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 26

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an enumeration named truckStatus that has the following statuses:

- ⇒ Empty
- ⇒ Loaded
- ⇒ Completed

You have the following code:

```
switch (truckTable.TruckStatus)
{
    case TruckStatus::Empty:
        Info("1");
        break;
    case TruckStatus::Loaded:
        Info("2");
        break;
    case TruckStatus::Completed:
        Info("3");
        break;
}
```

You need to extend this enumeration and add the following statuses to the enumeration: Quarantine, InTransit. You must then modify code that validates the switch statement.

Solution: Add a post handler to the method that checks the enumeration and logic for your new enumeration values using the enumeration value.

```
if ( truckTable.TruckStatus == TruckStatus::Quarantine || truckTable.TruckStatus == TruckStatus::InTransit)
{
    Info("Extended");
}
```

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 27

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are adding a new field to the SalesTable form.

You must use an extension to add a status field onto the form.

You need to create the extension in the Application Object Tree (AOT) and add the extension to the demoExtensions model.

Solution: Add a new form object to the project and name the form SalesTable.Extension.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 28

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP -

You are a Dynamics 365 Finance developer for a company that sells pre-owned vehicles. When the company acquires a new vehicle, vehicle identification (VIN) numbers are added to the VIN field in the CustTable.

You need to create an event handler to validate that new VIN values are at least 10 characters long. Validation must occur when records are saved.

Which three 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

Copy the onWriting event handler on the CustTable table object.

Copy the validatedWrite event handler on the CustTable object.

Add code to perform the validation.

Copy the onModified event handler on the CustTable object.

Add the event handler method to a class.

Answer Area

Actual exam question from Microsoft's MB-500

Question #: 29

Topic #: 3

[\[All MB-500 Questions\]](#)

HOTSPOT -

A company is implementing Dynamics 365 Finance. Vendors receive a risk rating that is determined by their on-time delivery performance as well as their credit rating.

You need to implement the following risk rating functionality:

- ⇒ The risk rating must accompany the credit rating when the credit rating is used.
- ⇒ The risk rating must be able to be used in other areas of the solution to determine processing outcomes.
- ⇒ The risk rating must consist of the following values:

1 = Good

2 = Medium

3 = Risky

The risk rating must be displayed in the Miscellaneous Details tab below the Credit Rating and Credit Limit fields in the Vendor form.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Action

Create values for the risk ratings.

Create a composite entity.
Create a new enum base data type.
Create a new enum extension.
Create an option set.

Create the risk rating field.

Create a table extension.
Create an aggregate data entity.
Create an enum extension.

Ensure that credit limit and risk rating are always used together.

Use a field group
Use a relationship.
Use an index.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 30

Topic #: 3

[\[All MB-500 Questions\]](#)

A company has an extension that makes changes to a base form.

You need to identify all extension changes made to the base form.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. In the search bar on the form extension element, enter the text c:.
- B. In the search bar on the base form, enter the text e:.
- C. Right-click the base form and select view references.
- D. In the search bar on the form extension element, enter the text e:.
- E. In the search bar on the base form, enter the text c:.

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 31

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must extend the class SalesLineType and add a new method that returns the day of week for the system's current date as an integer value.

You need to create a class that extends SalesLineType and adds the new method.

Solution: You create the following code:

```
[ExtensionOf(classStr(SalesLineType))]  
public class mySalesLineType_Extension  
{  
    public static int ExtensionMethodDayofWeek()  
    {  
        return dayOfWk(systemDateGet());  
    }  
}
```

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 32

Topic #: 3

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You have the following Extended Data Types (EDTs):

Name	Comments
AccountBase	Root EDT
AccountId	Derives from AccountBase

You plan to modify properties of the EDTs by using an extension.

You need to determine which operations can be performed.

Which operation is possible?

- A. Create an extension for AccountBase and decrease the field size.
- B. Create a derived EDT for AccountBase and increase the field size.
- C. Create an extension for AccountId and increase the field size.
- D. Create an extension for AccountBase and modify the Form Help property.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 33

Topic #: 3

[\[All MB-500 Questions\]](#)

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 class buffer as the first parameter.
- C. Add the suffix .extension to the file name.
- D. Add the suffix _myextension to the file name.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 34

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to true for the CarType enumeration. Create a new enumeration to add the MUV element.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 35

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to false for the CarType enumeration. Create a new enumeration to add the MUV element.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 36

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to true for the CarType enumeration. Add the MUV element to the CarType base enumeration.

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 37

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP -

You are creating a new class and adding methods to the class.

You need to control extensibility capabilities of some of the methods in the class.

Which attribute should you use? To answer, drag the appropriate attributes to the correct requirements. Each attribute 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:

Attributes	Answer Area	
	Requirement	Attribute
[Hooktable(true)]	Extenders must be able to subscribe to pre- and post-event handlers.	<input type="text"/>
[Wrappable(false)]	Extenders must not be able to use chain of command (CoC) to wrap a specific method.	<input type="text"/>
[Replaceable]		
[Hooktable(false)]	Extenders must be able to wrap the method but must not be required to call next in the chain of command (CoC).	<input type="text"/>

Actual exam question from Microsoft's MB-500

Question #: 38

Topic #: 3

[\[All MB-500 Questions\]](#)

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Cache lookup
- B. Save data per company
- C. Modified date time
- D. Clustered index

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 39

Topic #: 3

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You have the following Extended Data Types (EDTs):

Name	Comments
AccountBase	Root EDT
AccountId	Derives from AccountBase

You plan to modify properties of the EDTs by using an extension.

You need to determine which operations can be performed.

Which operation is possible?

- A. Create a derived EDT for AccountId and decrease the field size.
- B. Create an extension for AccountId and increase the field size.
- C. Create an extension for AccountId and decrease the field size.
- D. Create an extension for AccountBase and increase the field size.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 40

Topic #: 3

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Finance.

You have two tables as shown:

Table name	Comments
EmplTable	This table stores employee information.
EmplBankAccount	This custom table is used to store bank account information for employees. EmplBankAccount has a foreign key relation to EmplTable.

When an employee is deleted from EmplTable, the corresponding bank account information must automatically be deleted from EmplBankAccount

You need to ensure that the requirement is met.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Set the value of the OnDelete property to Restricted.
- B. Select the foreign key relation properties from EmplBankAccount.
- C. Select the foreign key relation properties from EmplTable.
- D. Set the value of the OnDelete property to Cascade.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 41

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 Finance. You are customizing elements for the extended data types (EDTs) shown in the following table.

EDT name	Comment
CalendarID	root EDT
CalendarName	root EDT
BasicCalendarID	derives from CalendarID

You have a table named WorkCalendar. The table has a column named BasicCalendarID that uses the BasicCalendarID EDT.

You need to increase the length of the column by using an extension.

Solution: Create an extension for CalendarName.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 42

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 Finance. You are customizing elements for the extended data types (EDTs) shown in the following table.

EDT name	Comment
CalendarID	root EDT
CalendarName	root EDT
BasicCalendarID	derives from CalendarID

You have a table named WorkCalendar. The table has a column named BasicCalendarID that uses the BasicCalendarID EDT.

You need to increase the length of the column by using an extension.

Solution: Create derived EDT for CalendarName.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 44

Topic #: 3

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are creating entities that will have unmapped fields.

You need determine which types of unmapped fields to use.

Which field types should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Create a read-only field that fetches data directly from a view.

Field type

<input type="checkbox"/>	▼
Computed	▼
Virtual	▼

Create a field that is computed by SQL Server.

<input type="checkbox"/>	▼
Computed	▼
Virtual	▼

Create a field that is calculated row by row during read and write operations by using X++ code.

<input type="checkbox"/>	▼
Computed	▼
Virtual	▼

Create a non-persisted field.

<input type="checkbox"/>	▼
Computed	▼
Virtual	▼

Actual exam question from Microsoft's MB-500

Question #: 45

Topic #: 3

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You have a form that displays customer records by using a listpage control. You must add related sales total information for the selected customer to the form.

You need to display the required related sales total information.

What should you add to the form?

- A. a custom lookup
- B. a tile
- C. a factbox
- D. an external feed
- E. a quick filter

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 46

Topic #: 3

[\[All MB-500 Questions\]](#)

You are developing a model extension for Dynamics 365 Finance that extends objects from the Application Foundation package.

You need to create and configure a new model for the extension.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create an extension class that references the Application Foundation.
- B. Assign the model to the USR layer.
- C. Reference the Application Foundation package when creating the extension model.
- D. Create a new model that builds into its own separate assembly.
- E. Create a new model that is part of an existing package.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 47

Topic #: 3

[\[All MB-500 Questions\]](#)

You are working with extended data types in Visual Studio.

You need to create an extension of an Extended Data Types (EDT) that is derived from base data types.

Which three properties can be modified? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. String size
- B. IsExtensible
- C. Form help
- D. Alignment
- E. Label

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 48

Topic #: 3

[\[All MB-500 Questions\]](#)

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Cache lookup
- B. Modified date time
- C. Configuration key
- D. Table group

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 50

Topic #: 3

[\[All MB-500 Questions\]](#)

A company plans to integrate Dynamics 365 finance and operations apps with an external application.

The apps must send each vendor's name and address in a single field to the external application.

You need to add a computed field to meet the requirement.

What should you do?

- A. Create an extension for VendTable and then add the new display method.
- B. Create an extension of VendVendorV2Entity, select New, and then select Siting Unmapped Field.
- C. Create an extension for VendVendorV2Entity, select the Fields node, select New, and then select Mapped Field.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 51

Topic #: 3

[\[All MB-500 Questions\]](#)

You create an extension of ProjTable.

You need to configure the extension.

Which three table properties can you modify in the extension? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Form Ref
- B. Label
- C. TitleField1
- D. Preview Part Ref
- E. Modified Date Time

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 52

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP

A company uses Dynamics 365 Finance.

You create the following tables:

Table	Requirement
TableA	Delete related data from other tables when data is deleted from TableA.
TableB	Prevent deletion of data from TableB if related data exists in another table.
TableC	Delete data if specific conditions are met.

You need to configure the system to meet the requirements.

Which delete actions should you use? To answer, drag the appropriate delete action types to the correct scenarios. Each delete action 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.

Delete actions

Cascade

Restricted

Cascade+Restricted

Answer Area

Table	Delete action
TableA	
TableB	
TableC	

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 53

Topic #: 3

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Finance.

You implement an abstract class named Car.

The Car class has the following:

- A real member called weight that is used to store the weight of the car.
- An abstract getWeight method that returns the value of the weight member.

The Car class code is:

The Car class code is:

```
public abstract class Car
{
    real weight;
    public abstract real getweight()
    {
    }
}
```

You must create a child class named BigCar.

You need to implement the Car class by using the BigCar child class.

Which code segment should you use?

- A. class BigCar extends Car { void new(real _weight) { weight = _weight; } public real getweight() { return weight; }}
- B. class BigCar implements Car { void new(real _weight) { weight = _weight; } public real getweight() { return weight; }}
- C. class BigCar extends car { public real getWeight() { return weight; }}
- D. class BigCar : car { void new(real _weight) { weight = _weight; } public real getweight() { return weight; }}

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 54

Topic #: 3

[\[All MB-500 Questions\]](#)

You are developing a model extension for Dynamics 365 Finance.

You must create a model extension that extends objects from the Application suite package.

You need to create and configure a new model for the extension.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Assign a model to the VAR layer.
- B. Create a new model and add a reference to the Application Suite package.
- C. Create an extension class that references a class that exists in the Application Suite.
- D. Create a new model that is part of an existing Application Suite package.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 55

Topic #: 3

[\[All MB-500 Questions\]](#)

You create an extension for the InventTable table.

Which two field properties can you modify in the extension?

Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Allow Edit
- B. Extended Data Type
- C. Visible
- D. Label

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 56

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 finance and operations apps.

You have a custom enumeration named CarType. The enumeration has the following elements: Sedan, SUV.

You must extend CarType and add a new element named MUV to CarType.

You need to develop a solution that meets the requirements.

Solution: Set the is Extensible property to true for the CarType enumeration. Create an extension for the CarType base enumeration to add the MUV element.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 57

Topic #: 3

[\[All MB-500 Questions\]](#)

You have a table in which multiple properties must be changed. Multiple table properties are locked down at the base table and must not be overwritten.

You need to modify the table properties by extending the table.

Which table property can you populate in a table extension by using the property sheet?

- A. Created by
- B. Table group
- C. Configuration key
- D. Cache lookup

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 59

Topic #: 3

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Finance.

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

- Accepts an integer as an input parameter.
- Returns an integer as an output parameter.

You must implement an extension to:

- Extend the calc method.
- 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?

```
public int calc(int _value)
{
    if (_value > 10)
    {
        throw error('The value cannot be greater than 10.');
    }
    int ret = next calc(_value);
    return ret;
}

public int calc(int _value)
{
    if (_value > 10)
    {
        throw error('The value cannot be greater than 10.');
    }
}

public int calc(int _value)
{
    int ret = next calc(_value);
    if (_value > 10)
    {
        throw error('The value cannot be greater than 10.');
    }
    return ret;
}

public int calc(int _value)
{
    int ret;
    if (_value <= 10)
    {
        ret = next calc(_value);
    }
    return ret;
}
```

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 64

Topic #: 3

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company uses Dynamics 365 Finance. You are customizing elements for the extended data types (EDTs) shown in the following table.

EDT name	Comment
CalendarID	root EDT
CalendarName	root EDT
BasicCalendarID	derives from CalendarID

You have a table named WorkCalendar. The table has a column named BasicCalendarID that uses the BasicCalendarID EDT.

You need to increase the length of the column by using an extension.

Solution: Create an extension for CalendarID.

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 65

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company uses Dynamics 365 Finance.

The company requires extended data types (EDTs) that meet the following requirements:

- The new EDTs must use primitive base types without extending other EDTs.
- One type must track the day that the user receives goods in the warehouse.
- One type must track the quantity of items that the user receives.

You need to create the EDTs.

Which EDT types should you use? To answer, drag the appropriate types to the correct requirements. Each type 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.

Types	Answer Area	
	Requirement	Type
Date	Track the day	<input type="text"/>
Int	Track the quantity	<input type="text"/>
TransDate		
Integer		

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 66

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP

-

You are working on a project in Dynamics 365 Finance.

You use abstract and interface classes to implement the following requirements for the project:

- Child classes must have common private and public methods.
- All methods must be implemented in the child classes.
- You must be able to implement the methods of the parent class.

You need to select the type of class to use for each requirement.

Which class types should you use? To answer, drag the appropriate class types to the correct requirements. Each class type 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.

Class types	Answer Area	
	Requirement	Class type
Abstract	Ensure that child classes have common private and public methods.	
Interface	Implement all methods in the child classes.	
Public class	Implement the methods of the parent class.	
Final class		

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 68

Topic #: 3

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A business needs a free-text field on the All customers form to enter notes about shipment requests. The field must allow users to enter a large number of characters.

You need to create a new extended data type (EDT) for the form.

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.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Create a new EDT type of AnyType.

Add the new field to the CustTable.

Create a new EDT type of string.

Change the length property on the new EDT to Note.

Extend the All customers form and add the new EDT field.

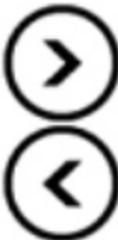
Answer Area

1

2

3

4



[Show Suggested Answer](#)

Actual exam question from Microsoft's MB-500

Question #: 70

Topic #: 3

[All MB-500 Questions]

DRAG DROP

-

Case study

-

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

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At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

-

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. When you are ready to answer a question, click the Question button to return to the question.

Background

-

Munson's Pickles and Preserves Farm produces and sells jarred food goods. The organization has several production and warehouse locations across the United States. Each location runs both production and warehousing operations. The company has three locations: East, Central, and West.

The company is upgrading its Dynamics AX 2009 system to Dynamics 365 Finance.

Current environment. General

-

Munson's Pickles and Preserves Farm plans to migrate customizations, data, and integration from its legacy system into Dynamics 365 finance and operations apps.

The Dynamics 365 finance and operations environment includes:

- multiple cloud-hosted development environments using Microsoft Visual Studio 2017
- a Microsoft Azure DevOps project for source control
- two tier 2 environments for user acceptance testing and staging, as well as production

Munson's Pickles and Preserves Farm is currently in the planning and development phase of the upgrade process. The company's internal development team needs additional development resources to address issues. The company already created a project that is set up to use a custom model named GPExtensions.

Current environment. Integrations

Munson's Pickles and Preserves Farm has a new integration for its freight processing information. The internal development team created the secure file transfer protocol (SFTP) site for the source information to be stored and the staging table to house the source information once the data is added to Dynamics 365 Finance. Information from the source will be transferred once a day from the source system and integrated with the target system. More than 10,000 records will be transferred over the integration. The company created an aggregate entity for the integration to minimize the amount of transmitted data.

Munson's Pickles and Preserves Farm has added a new integration for freight processing where all item weights, dimensions, and other factors will be configured in the external portal while planning the loads. Once the load is planned, it will be integrated into Dynamics 365 finance and operations apps for the freight invoice processing to occur.

No duplicate invoices or posting are associated with the freight invoice charges. The integration of this information from the source system is intended only for report creation and compilation purposes.

Current environment. Planned changes

Munson's Pickles and Preserves Farm wants to change inventory forms to fit its current needs. Any modifications or enhancements must follow the existing functionality for forms in Dynamics 365 Finance.

Requirements. Integrations

-

All data from integrations have the same format as an existing Dynamics 365 Finance apps field. All enhancements or customizations must use existing assets before creating new functionality.

Munson's Pickles and Preserves Farm wants to change its integration strategy to include real-time data from the freight processing source system. The inventory must update as it is sold from the system. That information will be updated in Dynamics 365 Finance.

The freight processing integration requires the use of an SFTP site to store XML files from the source system. The additional integration will use OData and must be transferred in real time.

A periodic batch job must:

- Pull data from the SFTP site.
- Import the data to a staging table used to hold the information from the source system.
- Map source data to the target table in Dynamics 365 Finance.

The imported Load ID field must be added to the Sales Order header for all processed orders. Additional requirements for integrations, including other integration strategies, may be necessary as the company grows. Existing tables must be changed to include the Load ID. The database will need to be synched before adding the Load ID field.

Requirements. Changes

-

Munson's Pickles and Preserves Farm must change the Inventory Status form to include more columns. It plans to create a table to enter the data for the Inventory Status form as a new data source. The company wants to add both the Product Name field and Batch ID field to this new table. The current form includes the item number, location, license plate, product inventory dimensions, and quantity.

The grid on the Inventory Status form must include the product name by using the item number and legal entity. The user interface must be created to include the new columns and the data must be available to add to the grid. The form must have only an Action Pane, a Navigation List, a List Style Grid, a Details Header, and a Details Tab in the design and include the Load ID field.

Munson's Pickles and Preserves Farm is currently in the process of adding the other required fields: one for Product Name and one for Batch ID. The new fields must be related to extended data types for the original fields on the existing data source for the Inventory Status form. Munson's Pickles and Preserves Farm plans to add the EcoResProductName and Batch ID data to the extended table for WHSTmpStatusChange. The fields on the table extension must be populated with data and visible on the Inventory Status form on insert.

Issues

-

- The internal development team has created the SFTP site connections, the staging table, and the batch jobs for the new integration for freight processing. The development team needs to map the source data to the target table and the data management workspace. The development team notices errors with mapping target fields in the data management workspace. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.
- The internal development team has issues adding the required fields to the Inventory Status standard form. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.

You need to create an extension of the table and perform a build and synchronize the newly extended table.

Which three 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.

Show Suggested Answer

Answer area

1

2

3



Actual exam question from Microsoft's MB-500

Question #: 72

Topic #: 3

[All MB-500 Questions]

Case study -

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Munson's Pickles and Preserves Farm is currently in the planning and development phase of the upgrade process. The company's internal development team needs additional development resources to address issues. The company already created a project that is set up to use a custom model named GPExtensions.

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Munson's Pickles and Preserves Farm wants to change inventory forms to fit its current needs. Any modifications or enhancements must follow the existing functionality for forms in Dynamics 365 Finance.

Requirements. Integrations -

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Munson's Pickles and Preserves Farm wants to change its integration strategy to include real-time data from the freight processing source system. The inventory must update as it is sold from the system. That information will be updated in Dynamics 365 Finance.

The freight processing integration requires the use of an SFTP site to store XML files from the source system. The additional integration will use OData and must be transferred in real time.

A periodic batch job must:

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- Import the data to a staging table used to hold the information from the source system.
- Map source data to the target table in Dynamics 365 Finance.

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Issues -

The internal development team has created the SFTP site connections, the staging table, and the batch jobs for the new integration for freight processing. The development team needs to map the source data to the target table and the data management workspace. The development team notices errors with mapping target fields in the data management workspace. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.

The internal development team has issues adding the required fields to the Inventory Status standard form. The team needs another developer to configure the table extensions, class extensions, and form extensions that are required for the planned changes.

You need to add new fields to the table for the Inventory Status form to represent the product name and batch ID.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Right-click the newly created table. Add two new string fields to the table. Rename one string field to Product Name and rename the other to Batch ID. Change the property of the fields to the appropriate EDTs.

B. Right-click the newly created table and add two new base enumerations to the table. Rename the new enumerations Product Name and Batch ID respectively.

C. Right-click the newly created table in the designer. Add a string field named Product Name to the table. Add an enumeration named Batch ID to the table.

D. Drag the EcoResProductName and InventBatchID extended data types (EDTs) from the Application Object Tree (AOT) to the table. Rename the fields appropriately.

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 75

Topic #: 3

[\[All MB-500 Questions\]](#)

Accompany is implementing Dynamics 365 Supply Chain Management.

A developer creates a new form in Visual Studio. The developer must conduct manual unit testing on the functionality of the form before releasing it for functional testing by non-developers.

You need to preview the new form to conduct manual unit testing.

Which action should you conduct first on the form object?

- A. Performance Profiler
- B. Debug
- C. Set as Startup Object
- D. Attach to process
- E. Scope to this

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 77

Topic #: 3

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Finance.

You must add fields to a standard Dynamics 365 Finance form by using Visual Studio.

You need to create an extension for the form.

What should you do?

- A. Drag the form from Application Explorer to the project.
- B. Create a new class that extends the form.
- C. Create an extension of the standard form in the AOT and add it to the project.
- D. Add the form directly to the project and add the new fields.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 1

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are a Dynamics 365 Finance developer. You have the following code: (Line numbers are created for reference only.)

```
01 class TestQuestion
02 {
03     public static void main(Args _args)
04     {
05         TestQuestion testQuestion = new testQuestion();
06         testQuestion.run();
07     }
08     public void run()
09     {
10         TmpFrmVirtual tmpFrmVirtual;
11         str salesId;
12         int salesQty
13         tmpFrmVirtual.Id = "SID1234";
14         salesQty = 5;
15         this.updateValues(tmpFrmVirtual, int2Str(salesQty));
16         info(tmpFrmVirtual.Id);
17         info(salesQty);
18     }
19     public void updateValues(TmpFrmVirtual _tmpFrmVirtual, str _salesQty)
20     {
21         TmpFrmVirtual tmpFrmVirtual = _tmpFrmVirtual;
22         int salesQty = _str2int(salesQty);
23         tmpFrmVirtual.Id = "SID1234"-Updated";
24         salesQty = 10;
25     }
26 }
```

Which values does the info() method return? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Parameter	Value
-----------	-------

tmpFrmVirtual.Id	<input type="text"/>
------------------	----------------------

<input type="button" value="▼"/>
SID1234
SID1234-Updated
SID1234 SID1234-Updated

salesQty	<input type="text"/>
----------	----------------------

<input type="button" value="▼"/>
5
10
15

Actual exam question from Microsoft's MB-500

Question #: 2

Topic #: 4

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You have a table named FMVehicle that contains a field named VehicleId. The table has an index named VehicleIdIdx on the VehicleId field. You declare a table buffer named vehicle to refer to the table.

You need to select all records from the FMVehicle table in ascending order based on VehicleId field in the vehicle variable.

Which embedded-SQL statement should you use?

- A. select vehicle index VehicleId;
- B. select vehicle order by VehicleId;
- C. select VehicleId from vehicle order by VehicleId asc;
- D. select vehicle order by VehicleId desc;

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 3

Topic #: 4

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You create a class.

You need to mark the class to ensure that when code is compiled, the process fails if a specific method is called in the source code.

Which attribute should you use?

- A. SysEntryPointAttribute
- B. getAttributes
- C. SysAttribute
- D. SysObsoleteAttribute

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 4

Topic #: 4

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You have a table named FMVehicle that contains a field named VehicleId. The table has an index named VehicleIdIdx on the VehicleId field. You declare a table buffer named vehicle to refer to the table.

You need to select all records from the FMVehicle table in ascending order based on VehicleId field in the vehicle variable.

Which embedded-SQL statement should you use?

- A. select vehicle index VehicleId;
- B. select vehicle index VehicleIdIdx;
- C. select VehicleId from vehicle order by VehicleIdIdx asc;
- D. select vehicle order by VehicleId desc;

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 5

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You have a Dynamics 365 Finance environment.

You have the following code: (Line numbers are included for reference only.)

```
01 class SalesPriceDiscount
02 {
03     ...
04     public void calculatePrice
05     {
06         ...
07     }
08     public static AmountCur getDiscount(Percent markup)
09     {
10         ...
11     }
12 }
13 [ExtensionOf(classStr(SalesPriceDiscount))]
14 final class SalesPriceDiscountMy_Extension
15 {
16     public void calculatePrice()
17     {
18         ...
19         next calculatePrice()
20         ...
21     }
22 }
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statement	Yes	No
The calculatePrice() method in the extension class can access and manage public and protected methods and variables of the base class.	<input type="radio"/>	<input type="radio"/>
You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.	<input type="radio"/>	<input type="radio"/>
The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.	<input type="radio"/>	<input type="radio"/>
The extension class can be instantiated by running the following code: <pre>SalesPriceDiscountMy_Extension myInstance = new SalesPriceDiscountMy_Extension();</pre>	<input type="radio"/>	<input type="radio"/>

Actual exam question from Microsoft's MB-500

Question #: 6

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are a Dynamics 365 Finance developer.

You have the following code: (Line numbers are included for reference only.)

```
01 public void tryMethod(int a, int b)
02 {
03     try
04     {
05         info("One");
06         int c = a/b;
07         info("Two");
08     }
09     catch
10     {
11         info("Three");
12         if (a == 2)
13         {
14             return;
15         }
16         else if (a == 3)
17         {
18             b = 3;
19             retry;
20         }
21     }
22     finally
23     {
24         info("Four");
25     }
26     info("Five");
27 }
```

You need to evaluate the code.

What is the correct output for the method? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Method	Output
tryMethod(5,2);	<input type="checkbox"/> One, Two, Four, Five <input type="checkbox"/> One, Two, Five <input type="checkbox"/> One, Three, Four, Five
tryMethod(4,0);	<input type="checkbox"/> One, Three, Four, Five <input type="checkbox"/> One, Four, Five <input type="checkbox"/> One, Two, Four, Five
tryMethod(2,0);	<input type="checkbox"/> One, Three, Four <input type="checkbox"/> One, Three <input type="checkbox"/> One, Three, Four, Five
tryMethod(3,0);	<input type="checkbox"/> One, Two, Four, Five <input type="checkbox"/> One, Three, One, Two, Four, Five <input type="checkbox"/> One, Three, Four, One, Two, Four, Five

Actual exam question from Microsoft's MB-500

Question #: 7

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You have the following code:

```
{  
    public void CompareValues()  
    {  
        Date myDate = str2date('01/08/1901', 123);  
        boolean result1, result2, result3;  
        result1 = (myDate + 1 == str2date('02/08/1901', 123));  
        result2 = (str2Date(int2str(date2Num(myDate)), 123) + 1 == str2date('02/08/1901', 123));  
    }  
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statement	Yes	No
The value of result1 = true	<input type="radio"/>	<input type="radio"/>
The value of result2 = true	<input type="radio"/>	<input type="radio"/>

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 8

Topic #: 4

[\[All MB-500 Questions\]](#)

You are using the SysTest framework to test code in Visual Studio.

You need to create a unit test class.

Which three attributes can you use to create the class? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. TestFilter
- B. Priority
- C. Owner
- D. EntryPoint
- E. Test Property

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 9

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You have the following class definition:

```
class UnitConv
{
    public static real PoundsToKilograms(real _pounds)
    {
        return _pounds * 0.45359237;
    }
    public static real FahrenheitCelsius(real _fahrenheit)
    {
        return (_fahrenheit - 32) = 5/9;
    }
}
```

You need to create an extension class and create a new static method in it that converts miles to kilometers and then call the method from another class.

How should you complete the code and call the method? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Extension class definition:

`[ExtensionOf(classStr(UnitConv))]`

final class CustUnitConv_Extension
final class UnitConv_MyExtension
static class UnitConvMy_Extension
class UnitConv_Extension

```
{
    public static CaseMileage MiToKm(CaseMileage _miles)
    {
        return _miles * 1.609344;
    }
}
```

Call the method:

var km = UnitConv::MiToKm(62.1371);
CaseMileage km = UnitConv_MyExtension::MiToKm(62.1371);
UnitConvMy_Extension cUC = new UnitConv(); int km = cUC.MiToKm(62.1371);
UnitConv_Extension uCE = new UnitConv(); real km = uCE.MiToKm(62.1371);

Actual exam question from Microsoft's MB-500

Question #: 10

Topic #: 4

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You create an integer variable named totalSales.

You need to display the value from totalSales in an info statement.

Which three code segments can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. info(int2str(totalSales));
- B. info(totalSales);
- C. info(any2str(totalSales));
- D. info(strfmt("%1", totalSales));
- E. info(strLine(totalSales, 1));

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 11

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP -

You create a Visual Studio project named CustomerDetailUpdate.

You must update data in a table named CustTable. You must be able to run the code from Visual Studio.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Create a runnable class and add the class to the CustomerDetailUpdate project

Set the class as the startup project and run the class

Build the project

Write code in the class to update the customer table

Answer Area



[Show Suggested Answer](#)

Actual exam question from Microsoft's MB-500

Question #: 12

Topic #: 4

[\[All MB-500 Questions\]](#)

You create a new class.

Class compilation must fail if a specific method in the source code is called.

You need to mark the class with the appropriate attribute.

Which attribute should you use?

- A. SysAppSecurityAttribute
- B. SysTestCategory
- C. SysObsoleteAttribute
- D. SysAttribute

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 13

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP -

A company uses Dynamics 365 Finance.

The company wants to create test cases by using the SysTest framework.

You need to select the appropriate TestTransactionMode option for each requirement.

Which options should you use? To answer, drag the appropriate options to the correct requirements. Each 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:

Options AutoRollback LegacyRollback LegacyRollbackWithUpdateTracking None**Answer Area****Requirements**

Track and delete only insert statements.

Roll back transactions by using SQL save points.

Option

Actual exam question from Microsoft's MB-500

Question #: 14

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are a Dynamics 365 Finance developer.

You have the following class definition:

```
class WebShopOrderValidations
{
    public static void checkQtyValue(int Qty = 0)
    {
        ...
    }
}
```

You need to create an extension class and wrap the method by using Chain of Command (CoC). If the value of the Qty variable is less than 5, the code must cause an exception.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

[ExtensionOf([classStr\(WebShopOrderValidations\)](#))]

final class WebShopOrdVal_Extension
final class WebShopOrderValidations_MyExtension
static class WebShopOrderValidationsMy_Extension
class WebShopOrderValidations_Extension

```
{
    public static void checkQtyValue(int Qty)
    public void checkQtyValue(int Qty)
    public static int checkQtyValue(int Qty)
    public static void checkQtyValue(int Qty = 0)

    {
        next checkQtyValue(Qty);
        if (Qty < 5)
        {
            throw error("Quantity cannot be smaller than 5");
        }
    }
}
```

Actual exam question from Microsoft's MB-500

Question #: 15

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You have the following code:

```
[SysEntryPointAttributeRole]
class CashDiscountDP extends SRSReportDataProviderBase
{
    CashDiscountTmp cashDiscountTmp;
    [SRSReportDataSetAttribute(tablestr(CashDiscountTmp))]
    public CashDiscountTmp getCashDiscountTmp()
    {
        select cashDiscountTmp;
        return cashDiscountTmp;
    }
    public boolean processReport()
    {
        ...
    }
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statement	Yes	No
You can use the class as an entry point for a security privilege.	<input type="radio"/>	<input type="radio"/>
The class allows SQL Server Reporting Services to retrieve data for the report.	<input type="radio"/>	<input type="radio"/>
processReport() has the correct method signature.	<input type="radio"/>	<input type="radio"/>

Actual exam question from Microsoft's MB-500

Question #: 16

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP -

You create a Visual Studio project named ProductUpdates.

You must update data in a table named ProductTable. You must be able to run the code from Visual Studio.

You need to create an X++ class.

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:

Answer Area

Actions

Add the ExtensionOf attribute to the class.

Set the class as the startup object.

Write database manipulation code in the class.

Build and run the class.

Create a runnable class and add it to the ProdcutUpdates project.

Create a class extension of the ProductTable and add it to the ProductUpdates project.

Actual exam question from Microsoft's MB-500

Question #: 17

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP -

A company uses Dynamics 365 Finance. The company is implementing an independent software vendor (ISV) solution.

You overlay the ISV code to add functionality to the solution.

You need to configure code compare options.

Which code compare option should you use? To answer, drag the appropriate code compare options to the correct scenarios. Each code compare 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:

Code compare options

Compare and merge code

Compare code with baseline

Compare metadata with baseline

Answer Area

Scenario

Compare the custom code with the code in the ISV solution.

Compare the code with the code in the ISV solution to identify and resolve conflicts.

Compare elements of a form with those in the ISV solution.

Code compare option

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 18

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are a Dynamics 365 Finance developer.

You have the following code: (Line numbers are included for reference only.)

```
01 public void tryMethod(int a, int b)
02 {
03     try
04     {
05         info("One");
06         int c = a/b;
07         info("Two");
08     }
09     catch
10     {
11         info("Three");
12         if (a == 2);
13     {
14         return;
15     }
16     else if (a == 3)
17     {
18         b = 3;
19         retry;
20     }
21 }
22 finally
23 {
24     info("Four");
25 }
26 info("Five");
27 }
```

You need to evaluate the code.

What is the correct output for the method? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Method	Output
tryMethod(5, 2);	<div style="border: 1px solid black; padding: 5px;"><p>▼</p><p>One, Two, Four, Five</p><p>One, Two, Five</p><p>One, Three, Four, Five</p></div>
tryMethod(4, 0);	<div style="border: 1px solid black; padding: 5px;"><p>▼</p><p>One, Three, Four, Five</p><p>One, Four, Five</p><p>One, Two, Four, Five</p></div>

Actual exam question from Microsoft's MB-500

Question #: 19

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP

A company uses Dynamics 365 Finance.

You create a new extension for a standard table.

You need to add a new method in the extension.

Which five 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.

Actions

Set the class as **internal**.

Decorate the class with the `[ExtensionOf(tableStr(tableName))]` attribute.

Set the class as **final**.

Add a new **method** to the class and **implement** it.

Create a new project in Visual Studio.

Add a new **class** to the Visual Studio project with the **_Extension** suffix.



Answer area

1	
2	
3	
4	
5	



[Show Suggested Answer](#)

Actual exam question from Microsoft's MB-500

Question #: 21

Topic #: 4

[\[All MB-500 Questions\]](#)

A company is implementing Dynamics 365 Finance.

You implement a risk rating for vendors. The risk rating is on the Vendor form.

The rating is determined by a vendor's on-time delivery performance as well as their credit rating.

The risk rating consists of the following values:

1 = Good

2 = Medium

3 = Risky

The company plans to implement purchase requisitions. The company wants to prevent purchase orders from being confirmed when a vendor's risk rating is set to Risky.

You need to implement the functionality.

What should you do?

- A. Create a method for the OnModified event of the vendor account.
- B. Create a new business event.
- C. Create a method for the OnInitializing event of the form.
- D. Create a Chain of Command (CoC) class extension.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 22

Topic #: 4

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You have a table named FMVehicle that contains a field named VehicleId. The table has an index named VehicleIdIdx on the VehicleId field. You declare a table buffer named vehicle to refer to the table.

You need to select all records from the FMVehicle table in ascending order based on VehicleId field in the vehicle variable.

Which embedded-SQL statement should you use?

- A. select vehicle order by VehicleIdIdx desc;
- B. select vehicle order by VehicleId;
- C. select vehicle order by vehicleIdIdx asc;
- D. select vehicleId from vehicle order by vehicleId asc;

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 23

Topic #: 4

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Finance.

You are performing a code review for several segments of code that use the Boolean data type.

You need to validate the segments for the correct X++ structure.

Which two code statements will compile? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. boolean exprValue; exprValue = (8*6 == 48);
- B. boolean exprValue = (8*6 == '48') ? Yes:No;
- C. boolean exprValue; exprValue = (8*6 == 48) ? 1:0;
- D. boolean exprValue = (8*6 == '48') ? false:true;

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 27

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company uses Dynamics 365 Finance.

You must use QueryBuilder classes to implement a query that loops through all customers for whom the customer group equals EXT. You need to implement the query. You declare and initialize a query object.

You need to run the query.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Declare a QueryBuildRange object and add a range for the CustGroup field on the QueryBuildDataSource.

Declare a QueryBuildDataSource object. Call the addDataSource method on the query object and assign it to the QueryBuildDataSource by using CustTable.

Add a value to range for the CustGroup EXT to the QueryBuildRange object.

Loop through the QueryRun object by using the Next method.

Declare and initialize the QueryRun object by using the query object.

Answer area



[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 30

Topic #: 4

[\[All MB-500 Questions\]](#)

A company uses Dynamics 365 Supply Chain Management.

You need to list all classes in the Application Suite model that contain a cross-company query.

Which query string should you use?

- A. type:class, method name=run code:"crosscompany" model:"Application Suite"
- B. type:class, table code:"crosscompany" model:"Application Suite"
- C. type:class code:"crosscompany" model:"Application Suite"
- D. type:class, method name=insert code:"crosscompany" model:"Application Suite"

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 33

Topic #: 4

[\[All MB-500 Questions\]](#)

HOTSPOT

You have a Dynamics 365 Finance environment.

You have the following code: (Line numbers are included for reference only.)

```
01 class SalesPriceDiscount
02 {
03     ...
04     public void calculatePrice
05     {
06         ...
07     }
08     public static AmountCur getDiscount(Percent markup)
09     {
10         ...
11     }
12 }
13 [ExtensionOf(classStr(SalesPriceDiscount))]
14 final class SalesPriceDiscountMy_Extension
15 {
16     public void calculatePrice()
17     {
18         ...
19         next calculatePrice()
20         ...
21     }
22 }
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statement	Yes	No
The calculate Price() method in the extension class can access and manage public and protected methods and variables of the base class.	<input type="radio"/>	<input type="radio"/>
You can modify the calculatePrice() method in the extension class by adding conditional logic at line 18.	<input type="radio"/>	<input type="radio"/>
The static method getDiscount() in Line 10 of the base class can be wrapped and extended by adding business logic to the extension class.	<input type="radio"/>	<input type="radio"/>
The extension class can be instantiated by running the following code:	<input type="radio"/>	<input type="radio"/>
<pre>SalesPriceDiscountMy_Extension myInstance new SalesPriceDiscountMy_Extension();</pre>		

Actual exam question from Microsoft's MB-500

Question #: 34

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company uses Dynamics 365 Finance.

You must implement three classes with the following requirements:

- Variables in ClassA must be accessible from ClassA and its child classes but not from other classes. ClassB is a class that inherits from ClassA.
- ClassC is not a parent or child class of any other class. The variables of ClassC must only be accessible within ClassC.

You need to complete the implementation.

Which variable modifiers should you use? To answer, drag the appropriate variable modifiers to the correct class names. Each variable modifier 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.

Variable modifiers

Protected
Private
Public

Answer Area

Class	Variable modifier
ClassA	
ClassC	

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 35

Topic #: 4

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must create a new attribute class in which to mark other classes in the ISV solution and their respective methods with the error levels Warning and Error.

You have the following class: (Line numbers are included for reference only.)

```
01
02 public class Vehicle
03 {
04
05     public int bike()
06     {
07     }
08     public int automobile()
09     {
10     }
11     public int bicycle()
12     {
13     }
14 }
```

You need to ensure that the compiler will report an error if code calls the bike method.

Solution:

Create the following attribute class:

```
public class ISVObsoleteAttribute extends SysAttribute
{
    ErrorWarning errorWarningEnum;
    str explanation;
    public void new(ErrorWarning _errorWarningEnum, str _explanation)
    {
        super();
        errorWarningEnum = _errorWarningEnum;
        explanation = _explanation;
    }
}
```

Insert the following code at line 04:

[SysObsoleteAttribute("Deprecated. Please use the bicycle class instead.", false)]

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 36

Topic #: 4

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must create a new attribute class in which to mark other classes in the ISV solution and their respective methods with the error levels Warning and Error.

You have the following class: (Line numbers are included for reference only.)

```
01  
02 public class Vehicle  
03 {  
04  
05     public int bike()  
06     {  
07     }  
08     public int automobile()  
09     {  
10     }  
11     public int bicycle()  
12     {  
13     }  
14 }
```

You need to ensure that the compiler will report an error if code calls the bike method.

Solution:

Create the following attribute class:

```
public class ISVObsoleteAttribute extends SysAttribute  
{  
    ErrorWarning errorWarningEnum;  
    str explanation;  
    public void new(ErrorWarning _errorWarningEnum, str _explanation)  
    {  
        errorWarningEnum = _errorWarningEnum;  
        explanation = _explanation;  
    }  
}
```

Insert the following code at line 01:

[ISVObsoleteAttribute(ErrorWarning::Warning, "This class will be deprecated in future releases, please use the Transportation class instead.")]

Insert the following code at line 04:

[ISVObsoleteAttribute(ErrorWarning::Error, "Deprecated. Please use the bicycle class instead.")]

Does the solution meet the goal?

A. Yes

B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 37

Topic #: 4

[\[All MB-500 Questions\]](#)

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You must create a new attribute class in which to mark other classes in the ISV solution and their respective methods with the error levels Warning and Error.

You have the following class: (Line numbers are included for reference only.)

```
01
02 public class Vehicle
03 {
04
05     public int bike()
06     {
07     }
08     public int automobile()
09     {
10     }
11     public int bicycle()
12     {
13     }
14 }
```

You need to ensure that the compiler will report an error if code calls the bike method.

Solution:

Create the following attribute class:

```
public class ISVObsoleteAttribute extends SysAttribute
{
    ErrorWarning errorWarningEnum;
    str explanation;
    public void new(ErrorWarning _errorWarningEnum, str _explanation)
    {
        super();
        errorWarningEnum = _errorWarningEnum;
        explanation = _explanation;
    }
}
```

Insert the following code at line 04:

[SysObsoleteAttribute("Deprecated. Please use the bicycle method instead", true)]

Does the solution meet the goal?

- A. Yes
- B. No

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 39

Topic #: 4

[\[All MB-500 Questions\]](#)

DRAG DROP

-

You use Dynamics 365 Finance.

You must loop through the customers table and display in the UI the customer account numbers that meet the following requirements:

- Include the first 100 customers.
- The account numbers must be greater than 1,000.
- Order the results from larger to smaller by the customer account number.

You need to write the SQL statement by using SQL in X++.

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

Actions

```
{  
    info(custTable.AccountNum);  
}
```

```
order by AccountNum asc
```

```
while select firstonly100 custTable
```

```
where custTable.AccountNum > '1000'
```

```
select firstonly100 custTable
```

```
while select top 100 custTable
```

```
where custTable.AccountNum > 1000
```

```
order by AccountNum desc
```

Answer area



Actual exam question from Microsoft's MB-500

Question #: 42

Topic #: 4

[All MB-500 Questions]

You extend the insert method of the CustTable by using Chain of Command.

You need to print a message after creating a record if the Sales tax group is complete.

Which code segment should you use?

```
[ExtensionOf(tableStr(CustTable))]
final class CustTable_Extension
{
    void insert(DirPartyType _partyType, Name _name, boolean _updateCRM)
    {
        next insert(_partyType, _name, _updateCRM);
    }
}

[ExtensionOf(tableStr(CustTable))]
final class CustTable_Extension
{
    void insert(DirPartyType _partyType, Name _name, boolean _updateCRM)
    {
        if (this.TaxGroup)
        {
            info('The customer has a sales tax group.');
        }
    }
}

[ExtensionOf(tableStr(CustTable))]
final class CustTable_Extension
{
    void insert(DirPartyType _partyType, Name _name, boolean _updateCRM)
    {
        if (this.TaxGroup)
        {
            info('The customer has a sales tax group.');
        }

        next insert(_partyType, _name, _updateCRM);
    }
}

[ExtensionOf(tableStr(CustTable))]
final class CustTable_Extension
{
    void insert(DirPartyType _partyType, Name _name, boolean _updateCRM)
    {

        try
        {
            if (!this.TaxGroup)
            {
                throw Exception::Error;
            }
        }
        catch (Exception::Error)
        {
            throw error('An error occurred');
        }
        finally
        {
            info('The customer has a sales tax group.');
        }

        next insert(_partyType, _name, _updateCRM);
    }
}
```

Actual exam question from Microsoft's MB-500

Question #: 43

Topic #: 4

[\[All MB-500 Questions\]](#)

A company is implementing Dynamics 365 finance and operations apps.

The company must functionally test its native Dynamics 365 finance and operations apps with specific data values.

You need to add specific values on test data within a development environment.

Which two fluent setter methods can you use to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. save
- B. post
- C. set
- D. for
- E. create

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 44

Topic #: 4

[\[All MB-500 Questions\]](#)

A company is implementing Dynamics 365 finance and operations apps.

The company must test its native Dynamics 365 finance and operations apps by using multiple values.

You need to create a test case within a development environment.

Which attribute should the test case use?

- A. SysTestRow
- B. SysTestCategory
- C. SysTestRowInactive

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 50

Topic #: 4

[\[All MB-500 Questions\]](#)

A company is implementing Dynamics 365 finance and operations apps.

You are using the Acceptance test library (ATL) to test code in Visual Studio.

You need to create an entity test class to expose the entity properties.

Which method should you use?

- A. parm
- B. with
- C. set

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 51

Topic #: 4

[\[All MB-500 Questions\]](#)

A company is developing a new solution in Dynamics 365 Supply Chain Management. Customers will be able to use the solution in their own implementations.

Several of the classes in the solution are designed to be extended by customers in other implementations to accommodate unique requirements.

Certain methods must show up in the output window during the build process to advise other developers about the intent of the methods.

You need to implement the statements for the methods.

What should you implement?

- A. comments
- B. attributes
- C. global variables
- D. properties
- E. info() function

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 1

Topic #: 5

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You need to initialize an embedded Microsoft Power BI report.

Which code segment should you add to the form initialization method?

- A. addReportControl(formGroupControl)
- B. initializeReportControl(WorkspaceName, FormGroup)
- C. initializeReportControlOnWorkspace(powerBIConfiguration, reportParameters, formGroupControl)
- D. deployOrUpdateReport(powerBIConfiguration, reportName, resourceName)

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 2

Topic #: 5

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You need to create a key performance indicator (KPI) that shows total sales by region.

Which two objects should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. dimension for region
- B. dimension for total sales
- C. aggregated view for total sales
- D. measure for region
- E. measure for total sales

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 3

Topic #: 5

[\[All MB-500 Questions\]](#)

You are Dynamics 365 Finance developer.

You need to initialize an embedded Microsoft Power BI report.

Which code segment should you add to the form initialization method?

- A. `getPBIReportByResourceName(resourceName)`
- B. `initializeReportControl(WorkspaceName, FormGroup)`
- C. `importAndStoreReport(powerBIConfiguration, resourceName, isUpdate)`
- D. `deployOrUpdateReport(powerBIConfiguration, reportName, resourceName)`

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 4

Topic #: 5

[\[All MB-500 Questions\]](#)

HOTSPOT -

A company requires a change to one of the base Microsoft SQL Server Reporting Services (SSRS) reports. The report must include a new field that automatically filters the report based on the user who opens the report.

You need to add the new field as specified.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Add the new field to the report.

Action

Duplicate the existing report in an extension model.
Extend the existing report in an extension model.
Customize the existing report.

Automatically filter based on the user.

Use the Controller class.
Use the ReportDataProvider class.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 5

Topic #: 5

[\[All MB-500 Questions\]](#)

The warehouse manager at Contoso, Ltd. wants to display a tile in the user interface that will show total RAFs per hour.

You need to create a key performance indicator (KPI) that meets these requirements.

What two components should you create? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. aggregate dimensions
- B. data entity
- C. aggregate measurements
- D. TempDB table

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 6

Topic #: 5

[\[All MB-500 Questions\]](#)

You have a cloud-based Dynamics 365 Finance production environment.

You need to access the data to create Microsoft Power BI reports for the business.

What should you use?

- A. aggregate measurements
- B. aggregate dimensions
- C. Analysis Cubes
- D. Entity store

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 7

Topic #: 5

[\[All MB-500 Questions\]](#)

You have a cloud-based Dynamics 365 Finance production environment.

You need to access the data to create Microsoft Power BI reports for the business.

What should you use?

- A. Power BI embedded
- B. views
- C. aggregate dimensions
- D. data entities

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 8

Topic #: 5

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are a Dynamics 365 Finance developer.

A form uses a synchronous call based on a saleID value. There are long wait times for the form to complete processing. You must allow the user to continue to work while the form processes and inform the user immediately when the processing completes.

You need to implement the correct method calls and behavior.

Which code segments should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement

Run the form asynchronously.

Code segment or object

element.runAsynch(classNum(CallReport), staticMethodStr(CallReport,RunReport)...
Global:runAsync(classNum(CallReport), staticMethodStr(CallReport,RunReport)...
SysOperationSandbox::callStaticMethod(classNum(CallReport), staticMethodStr(CallReport,RunReport)...

Pass parameters to the method.

data contract class
container
parm method

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 9

Topic #: 5

[\[All MB-500 Questions\]](#)

You are Dynamics 365 Finance developer.

You need to initialize an embedded Microsoft Power BI report.

Which code segment should you add to the form initialization method?

- A. initializeReportControlOnWorkspace(powerBIConfiguration, reportParameters, formGroupControl)
- B. importAndStorageReport(powerBIConfiguration, resourceName, isUpdate)
- C. initializeCustomReportControl(resourceName, formGroupControl, reportCustomParams)
- D. addReportControl (formGroupControl)

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 10

Topic #: 5

[\[All MB-500 Questions\]](#)

DRAG DROP -

You are a Dynamics 365 Finance developer.

The sales department manager must be able to view total customers by region and total sales by regions.

You need to build key performance indicators (KPIs) and display them on a tile in the application.

How should you model the KPI? To answer, drag the appropriate objects to the correct KPI components. Each object 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:

Answer Area

Objects

Aggregate dimension

Aggregate data entity

Aggregate measurements

KPI component

Total sales

Customers

Region

Object

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 11

Topic #: 5

[\[All MB-500 Questions\]](#)

DRAG DROP -

You are a Dynamics 365 Finance developer.

You have a report in an existing model that connects with the following objects:

- ⇒ in-memory table
- ⇒ data provider class
- ⇒ controller class
- ⇒ contract class

The report is locked for modifications.

You need to create an extension of the in-memory table in a model and you add the new field to the extension.

Which three 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:

Answer Area

Actions

Create a duplicate from the report in the model and add the new field on the report design.

Create an extension of the existing report controller class in the model. Update the class logic to point to the new report.

Create a duplicate from the existing data provider class in the model. Update the class to fill the value of the newly added field.

Create a duplicate from the existing report controller class in the model. Update the class logic to point to the new report.

Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.

Actual exam question from Microsoft's MB-500

Question #: 12

Topic #: 5

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You create a key performance indicator (KPI) in a development environment.

You need to display the KPI.

What should you do?

- A. Create a new workspace and add the KPI to the workspace.
- B. Create a tile and add the KPI to the tile.
- C. Add the KPI to an existing form.

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 13

Topic #: 5

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer. You create a key performance indicator (KPI) that will enable users to be able to see the total sales per region. You create a tile named SalesRegion and link the KPI to the tile.

You need to ensure that users can view this tile on a form in the user interface.

What should you do?

- A. Create an extension of the form that will contain the new tile and KPI. Add the tile to the extended form.
- B. Open the form that will contain the new tile. Add the tile to the form.
- C. Create a new workspace. Add the KPI to the workspace from the user interface.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 14

Topic #: 5

[\[All MB-500 Questions\]](#)

HOTSPOT -

You are creating a Dynamics 365 Finance report. You cannot query the data for the report directly.

You must include parameters to specify data for the report.

You need to create the report.

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Which type of class should you create to pass parameters to the report?

Data contract class
Report data provider class
Report controller class
Report UI builder class

Which type of class should you create to access and process the data for the report?

Data contract class
Report data provider class
Report controller class
Report UI builder class

Which attribute should you use to identify the class that defines report variables?

DataContractAttribute
DataMemberAttribute
SysOperationContractProcessingAttribute
SysOperationGroupAttribute

Which attribute should you use to identify param methods to send data for the report?

DataContractAttribute
DataMemberAttribute
SysOperationContractProcessingAttribute
SysOperationGroupAttribute

Which attribute should you use to define the contract class for a provider class?

SRSReportQueryAttribute
SRSReportParameterAttribute
SRSReportDataProviderBase

Actual exam question from Microsoft's MB-500

Question #: 15

Topic #: 5

[\[All MB-500 Questions\]](#)

You are a Dynamics 365 Finance developer.

You need to deploy a new report in a development environment.

From which two locations can you deploy the report? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Package deployment
- B. Build project
- C. Application Explorer
- D. Solution Explorer
- E. Build Models options

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 16

Topic #: 5

[\[All MB-500 Questions\]](#)

You are Dynamics 365 Finance developer.

You need to initialize an embedded Microsoft Power BI report.

Which code segment should you add to the form initialization method?

- A. initializeReportControlInternal(powerBIConfiguration, reportParameters, reportControl, showError)
- B. getPBIReportBy resourceName(resourceName)
- C. importAndStorageReport(powerBIConfiguration, resourceName, isUpdate)
- D. initializeCustomReportControl(resourceName, formGroupControl, reportCustomParams)

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 17

Topic #: 5

[\[All MB-500 Questions\]](#)

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**

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

Show Suggested Answer



Actual exam question from Microsoft's MB-500

Question #: 18

Topic #: 5

[\[All MB-500 Questions\]](#)

DRAG DROP

-

A company implements Dynamics 365 Supply Chain Management.

You need to create a report that shows all customer project invoices.

Which attribute should you use? To answer, drag the appropriate attributes to the correct requirements. Each attribute 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.

Attributes	Answer Area	
DataContractAttribute		
SRSReportParameterAttribute	Identify the contract name in the data provider class	
DataMemberAttribute	Enables parameters in the report dialog	
SysOperationControlVisibilityAttribute	Provide parameters for the report	

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 19

Topic #: 5

[\[All MB-500 Questions\]](#)

HOTSPOT

-

You are designing a new layout for the Vendor Payment Advice report. You add fields to the table that the report uses.

The design must include the new fields.

You need to ensure the standard Payment Advice report always uses the new design.

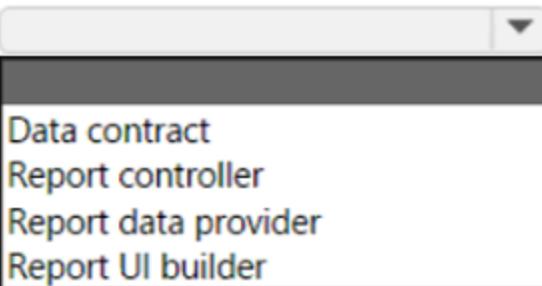
Which class should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

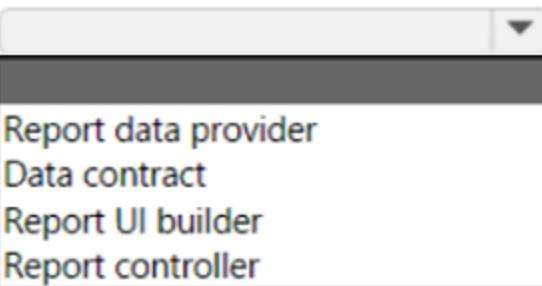
Requirement

Populate data from new fields added to the report data source.

Class



Ensure the standard Payment Advice report always uses the new design.



[Show Suggested Answer](#)

Actual exam question from Microsoft's MB-500

Question #: 20

Topic #: 5

[\[All MB-500 Questions\]](#)

HOTSPOT

-

A company uses Dynamics 365 finance and operations apps.

The company wants to use reporting data stores for Dynamics 365 Finance.

You need to select the appropriate reporting data store for each requirement.

Which reporting data store should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement

Export data into a new data warehouse.

Reporting data store

- Bring your own database (BYOD)
- Entity store
- MongoDB

- AxDB
- Entity store
- MongoDB

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 23

Topic #: 5

[\[All MB-500 Questions\]](#)

A company uses a SQL Server Reporting Services (SSRS) report named SalesConfirmation. The report has a controller class named SalesConfirmController and a data provider class named SalesConfirmDP.

The company requires a different layout for the report.

You create a copy of the report and name the copy MySalesConfirmation. You modify the report design.

You need to ensure that the new report design replaces the original report design.

What should you do?

- A. Extend the data provider class SalesConfirmDP to add a post-event handler method for the processReport method.
- B. Extend the controller class SalesConfirmController to add a post-event handler method for a static method named construct.
- C. Extend the controller class SalesConfirmController to add a pre-event handler method for a static method named construct.
- D. Extend the data provider class SalesConfirmDP to add a pre-event handler method for the processReport method.

[Show Suggested Answer](#)



Actual exam question from Microsoft's MB-500

Question #: 24

Topic #: 5

[\[All MB-500 Questions\]](#)

DRAG DROP

A company has a table named CustTrans that includes a column named AmountCur.

You are creating a Power BI analytical report that uses the AmountCur information. The report must show the total transaction amounts recorded in customer transactions for the previous week. The report must also show transaction data for any time during the previous week.

You need to develop an aggregate measurement for the report.

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.

Actions

Create an aggregate measurement named MyCustTransAgg.
Change the value of the measure group Table property to MyCustTransView.

Add a measure named **AmountCurSum**. Change the value of the column property to AmountCur. Ensure that the value of the Default Aggregate property is set to Count.

Add a measure named **AmountCurSum**. Change the value of the column property to AmountCur. Change the value for the Default Aggregate property to Sum.

Create a view named MyCustTransView.

Set the value of the Date_by dimension relation constraint for the Related Field property to TransDate.

Answer area

