

Exam Questions MB-500

Microsoft Dynamics 365: Finance and Operations Apps Developer

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NEW QUESTION 1

- (Exam Topic 1)

You need to configure security for the CashDisc form.

What changes should you make? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

Account	Action
Accounts Payable	Duplicate the role and modify the existing privilege entry point access. Create a new duty and privilege and add both to the role. Run the security tool and validate access for the role.
Accounts Payable	Create a new privilege and add the privilege to a new duty. Add the new duty to the role. Create a new duty and add the existing privilege and add duty to the role. Run the security tool and validate access for the role.

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Answer Area

Account	Action
Accounts Payable	Duplicate the role and modify the existing privilege entry point access. Create a new duty and privilege and add both to the role. Run the security tool and validate access for the role.
Accounts Payable	Create a new privilege and add the privilege to a new duty. Add the new duty to the role. Create a new duty and add the existing privilege and add duty to the role. Run the security tool and validate access for the role.

NEW QUESTION 2

- (Exam Topic 3)

A company uses Dynamics 365 Supply Chain Management. You need to integrate the system with third-party applications.

Which data integration strategies should you use? To answer, drag the appropriate data integration strategies to the correct scenarios. Each strategy 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.

Strategies	Answer Area								
	<table> <tr> <th>Scenario</th><th>Strategy</th></tr> <tr> <td>Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.</td><td>Strategy</td></tr> <tr> <td>Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.</td><td>Strategy</td></tr> <tr> <td>Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.</td><td>Strategy</td></tr> </table>	Scenario	Strategy	Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.	Strategy	Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.	Strategy	Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.	Strategy
Scenario	Strategy								
Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.	Strategy								
Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.	Strategy								
Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.	Strategy								

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

Strategies

OData endpoint

batch data API

custom service

Excel integration

Answer Area

Scenario

Users have a customer portal and must be able to query the status of orders for customers in near real time. Less than 500 status requests occur per hour.

Employees use a third-party app to record customer orders. You must upload orders to the system once each hour. The company processes approximately 10,000 orders each hour.

Employees use a third-party software as a service app to manage delivery schedules. The software must be able to calculate and obtain inventory availability for deliveries in real time. Approximately 5,000 requests occur each hour.

Strategy

batch data API

OData endpoint

Excel integration

NEW QUESTION 3

- (Exam Topic 3)

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, 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 = _salesQty;
23         tmpFrmVirtual.Id = "SID1234-Updated";
24         salesQty = 10;
25     }
```

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.

Answer Area

Parameter

Value

tmpFrmVirtual.Id

salesQty

SID1234
SID1234-Updated
SID1234 SID1234-Updated

5
10
15

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Parameter	Value
tmpFrmVirtual.Id	SID1234 SID1234-Updated SID1234 SID1234-Updated
salesQty	5 10 15

NEW QUESTION 4

- (Exam Topic 3)

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

Answer: AB

NEW QUESTION 5

- (Exam Topic 3)

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.

Actions

Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.

Create an extension of the report in the model and add the new field on the report design.

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 report controller class in the model. Update the class logic to point to the new report.

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

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

Answer area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Create an extension of the existing data provider class in the model. Update the class to fill the value of the newly added field.
- Create an extension of the report in the model and add the new field on the report design.
- 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 report controller class in the model. Update the class logic to point to the new report.
- Create a duplicate from the report in the model and add the new field on the report design.
- Create a duplicate from the existing data provider class in the model. Update the class to fill the value of the newly added field.

Answer area

- 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.

NEW QUESTION 6

- (Exam Topic 3)

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.

Index types

- Primary
- Clustered
- Non-Clustered

Requirement

- Provide a unique key for each record in a table.
- 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.

Index type

- Index type
- Index type
- Index type

A. Mastered

B. Not Mastered

Answer: A

Explanation:

Index types

- Primary
- Clustered
- Non-Clustered

Requirement

- Provide a unique key for each record in a table.
- 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.

Index type

- Non-Clustered
- Clustered
- Primary

NEW QUESTION 7

- (Exam Topic 3)

A company uses Dynamics 365 Finance.

You need to implement role-based security for a set of fields in a table.

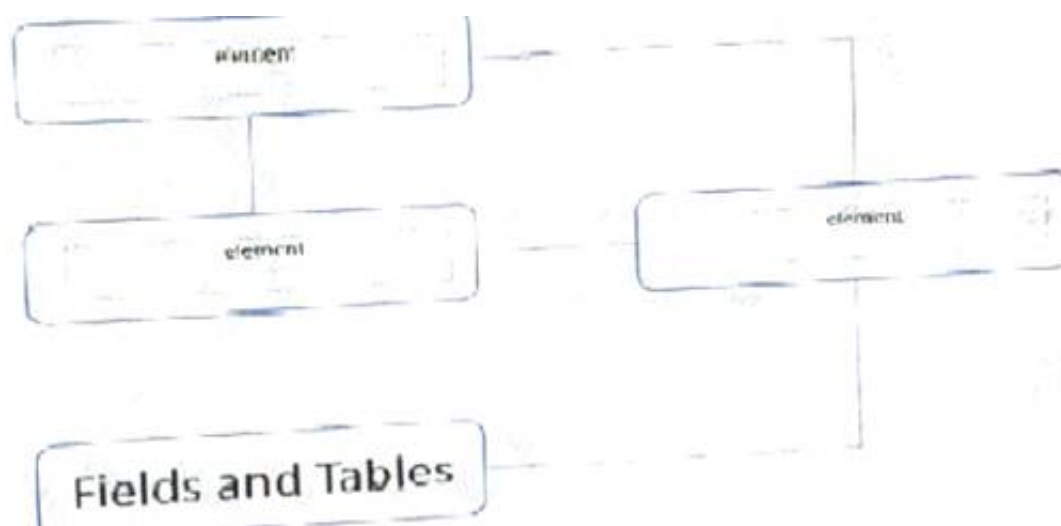
How should you arrange the security elements? To answer, drag the appropriate security elements to the

correct locations. Each element 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.

Elements

Role
Privilege
Duty
Permission



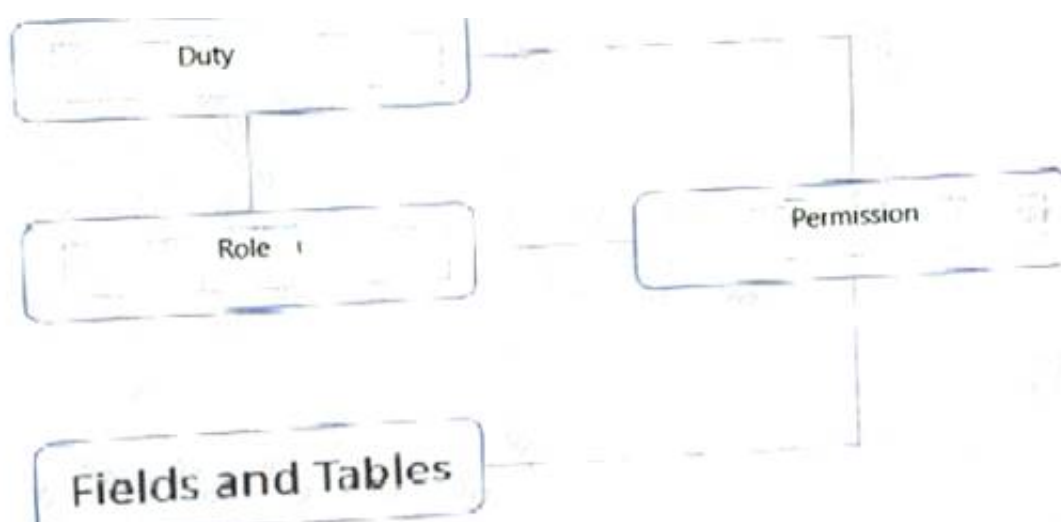
- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Elements

Role
Privilege
Duty
Permission



NEW QUESTION 8

- (Exam Topic 3)

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? Does the solution meet the goal?

- A. Yes.
- B. No

Answer: A

NEW QUESTION 9

- (Exam Topic 3)

You are Dynamics 365 Finance developer.

You need to explain the performance advantages of the different concurrency models.

What are three performance advantages of optimistic concurrency control over pessimistic concurrency control? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- A. One record cannot be selected for update by two different processes at the same time.
- B. Records are locked as soon as they are retrieved from the database.
- C. Records are locked for a shorter length of time.
- D. Fewer resources are used to lock records during updates.
- E. Records remain available for other processes while they are selected from the database.

Answer: BCD

NEW QUESTION 10

- (Exam Topic 3)

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, create a Dynamics 365 deployment package and upload the package to the as
- 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, export the project and upload the project to the asset library.

Answer: BD

NEW QUESTION 10

- (Exam Topic 3)

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 action to the answer area and arrange them in the correct order.

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

Actions

Connect to the Microsoft Azure DevOps project.

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

Create a dev branch.

Create a test branch.

Create a main branch.

>

<

Answer area

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Connect to the Microsoft Azure DevOps project.

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

Create a dev branch.

Create a test branch.

Create a main branch.

>

<

Answer area

Create a main branch.

Create a dev branch.

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

Connect to the Microsoft Azure DevOps project.

Create a test branch.

>

<

NEW QUESTION 11

- (Exam Topic 3)

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. Clustered index

Answer: C

NEW QUESTION 14

- (Exam Topic 3)

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.

Answer Area	Requirement	Tool
	Review overall health of the system, as well as currently running processes and historical data.	<div>LCS Environment Monitoring tool</div> <div>Fiddler</div> <div>Trace Parser</div> <div>SQL Profiler</div>
	Review the load time and latency of different forms.	<div>LCS Environment Monitoring tool</div> <div>Fiddler</div> <div>Trace Parser</div> <div>SQL Profiler</div>
	Review a single process and see the code and SQL statements that are being run.	<div>LCS Environment Monitoring tool</div> <div>Fiddler</div> <div>Trace Parser</div> <div>SQL profiler</div>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area	Requirement	Tool
	Review overall health of the system, as well as currently running processes and historical data.	<div>LCS Environment Monitoring tool</div> <div>Fiddler</div> <div>Trace Parser</div> <div>SQL Profiler</div>
	Review the load time and latency of different forms.	<div>LCS Environment Monitoring tool</div> <div>Fiddler</div> <div>Trace Parser</div> <div>SQL Profiler</div>
	Review a single process and see the code and SQL statements that are being run.	<div>LCS Environment Monitoring tool</div> <div>Fiddler</div> <div>Trace Parser</div> <div>SQL profiler</div>

NEW QUESTION 18

- (Exam Topic 3)

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?

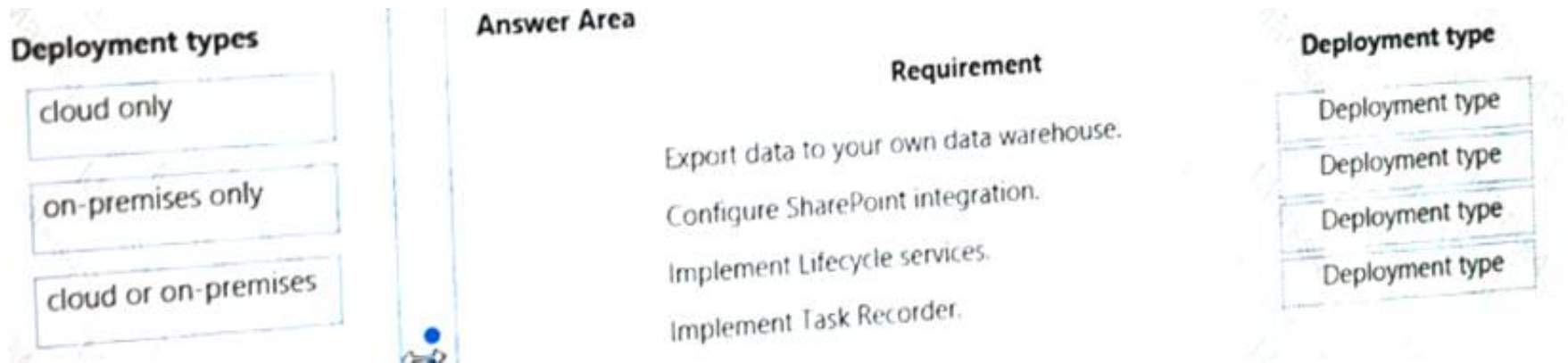
- A. Yes
- B. No

Answer: B

NEW QUESTION 19

- (Exam Topic 3)

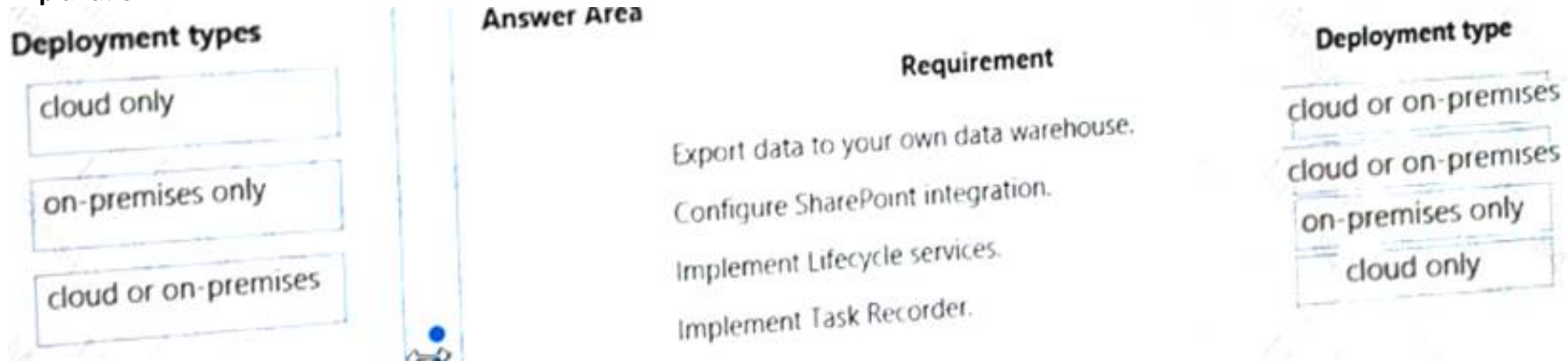
A company plans to deploy Dynamics 365 Finance. You need to recommend deployment options for the company. What should you recommend? To answer, drag the appropriate deployment options of the correct application requirement. Each deployment option may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 24

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

You have a table named FMVehicle that contains a field named VehicleId. The table has a clustered 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 vehicl
- C. index VehicleId;
- D. select vehicle order by VehicleId;
- E. select vehicle order VehicleId desc;

Answer: B

NEW QUESTION 25

- (Exam Topic 3)

You have a Dynamic 365 Finance environment.

You have the following code: (Line number 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 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: SalesPriceDiscountMy_Extension myInstance = new SalesPriceDiscountMy_Extension();	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

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 checked="" type="radio"/>	<input type="radio"/>
You can modify the calculatePrice() method in the extension class by adding conditional logic at line 20.	<input checked="" 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 checked="" type="radio"/>
The extension class can be instantiated by running the following code:	<input checked="" type="radio"/>	<input type="radio"/>

```
SalesPriceDiscountMy_Extension myInstance = new SalesPriceDiscountMy_Extension();
```

NEW QUESTION 30

- (Exam Topic 3)
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

Answer: A

NEW QUESTION 31

- (Exam Topic 3)
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. Weight
- B. MarkupValue
- C. WeightBase
- D. AmountMST

Answer: A

NEW QUESTION 36

- (Exam Topic 3)
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. SysObsoleteAttribute
- B. getAttributes
- C. SysEntryPointAttribute
- D. SysAttribute

Answer: A

NEW QUESTION 39

- (Exam Topic 3)
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");

```

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.

Answer Area

Method

Output

tryMethod(5,2);

One, Two, Four, Five
 One, Two, Five
 One, Three, Four, Five

tryMethod(4,0);

One, Three, Four, Five
 One, Four, Five
 One, Two, Four, Five

tryMethod(2,0);

One, Three, Four
 One, Three
 One, Three, Four, Five

tryMethod(3,0);

One, Two, Four, Five
 One, Three, One, Two, Four, Five
 One, Three, Four, One, Two, Four, Five

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Method	Output
tryMethod(5,2);	<div>One, Two, Four, Five</div> <div>One, Two, Five</div> <div>One, Three, Four, Five</div>
tryMethod(4,0);	<div>One, Three, Four, Five</div> <div>One, Four, Five</div> <div>One, Two, Four, Five</div>
tryMethod(2,0);	<div>One, Three, Four</div> <div>One, Three</div> <div>One, Three, Four, Five</div>
tryMethod(3,0);	<div>One, Two, Four, Five</div> <div>One, Three, One, Two, Four, Five</div> <div>One, Three, Four, One, Two, Four, Five</div>

NEW QUESTION 41

- (Exam Topic 3)

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

Answer: DE

NEW QUESTION 46

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