

## MB-500 Dumps

# Microsoft Dynamics 365: Finance and Operations Apps Developer

<https://www.certleader.com/MB-500-dumps.html>



**NEW QUESTION 1**

- (Exam Topic 1)

You need to configure models for the project.

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. Overlay the existing FinanceExt model and populate the solution definition.
- B. Modify the DefaultModelForNewProject setting in the DefaultConfig.xml file and name the model FinanceExt.
- C. Create a new model that extends the existing FinanceExt model.
- D. Extend the existing FinanceExt model and populate the project model definition.

**Answer:** AD

**NEW QUESTION 2**

- (Exam Topic 1)

You need to modify the CashDisc form to meet the requirements.

Which objects should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Answer Area**

**Action**

Create the following object on the CashDisc table:

Add a  relation  field  display method  field group

to the table and then a  duplicate  extension  inheritance  overlayering

of the CashDisc form.

Restore the  design  data source  form parts  form methods

of the CashDisc form.

index  field group  map  relation

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

**Action**

Create the following object on the CashDisc table:

Add a  relation  field  display method  field group

to the table and then a  duplicate  extension  inheritance  overlayering

of the CashDisc form.

Restore the  design  data source  form parts  form methods

of the CashDisc form.

index  field group  map  relation

**NEW QUESTION 3**

- (Exam Topic 3)

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 = (int2str(real2int(myDate)) + 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.

**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"/>

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

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

**NEW QUESTION 4**

- (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**

- OData endpoint
- batch data API
- custom service
- Excel integration

**Answer Area**

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 5**

- (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 6**

- (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 new case statement in the model of the existing code.

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

Does the solution meet the goal?

- A. Yes
- B. No

**Answer:** B

**NEW QUESTION 7**

- (Exam Topic 3)

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

**Answer:** ACE

**NEW QUESTION 8**

- (Exam Topic 3)

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.

**Answer Area**

Element	Value
SysQuery method	addRangesFromKeyData range packRangeAndSortOrder mergeFilters
SysQueryRangeUtil	lessThanDate currentDate dateRange monthRange
Filter clause	contains *Wholesales contains ..Wholesales contains Wholesales* contains *Wholesales*

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Element	Value
SysQuery method	addRangesFromKeyData range packRangeAndSortOrder mergeFilters
SysQueryRangeUtil	lessThanDate currentDate dateRange monthRange
Filter clause	contains *Wholesales contains ..Wholesales contains Wholesales* contains *Wholesales*

**NEW QUESTION 9**

- (Exam Topic 3)

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.

**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 define the contract class for a provider class?  
send data for the report?

- SRSReportQueryAttribute
- SRSReportParameterAttribute
- SRSReportDataProviderBase

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- SRSReportQueryAttribute
- SRSReportParameterAttribute
- SRSReportDataProviderBase

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Which type of class should you create to pass parameters to the report?

- Data contract class
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- Report controller class
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Which type of class should you create to access and process the data for the report?

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Which attribute should you use to identify the class that defines report variables?

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Which attribute should you use to define the contract class for a provider class?  
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- SRSReportParameterAttribute
- SRSReportDataProviderBase

**NEW QUESTION 10**

- (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	Requirement	Index type
Primary	Provide a unique key for each record in a table.	Index type
Clustered	Organize the data for a table according to the physical order of the specified column.	Index type
Non-Clustered	Quickly reference data that is found by using a specified set of columns.	Index type

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Index types	Requirement	Index type
Primary	Provide a unique key for each record in a table.	Non-Clustered
Clustered	Organize the data for a table according to the physical order of the specified column.	Clustered
Non-Clustered	Quickly reference data that is found by using a specified set of columns.	Primary

**NEW QUESTION 10**

- (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 13**

- (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 17**

- (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 19**

- (Exam Topic 3)

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.

**Objects**

- Aggregate dimension
- Aggregate measurements
- Aggregate data entity

**Answer Area**

**KPI component**

- Total sales
- Customers
- Region

**Object**

- object
- object
- object

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Objects**

- Aggregate dimension
- Aggregate data entity

**Answer Area**

**KPI component**

- Total sales
- Customers
- Region

**Object**

- Aggregate data entity
- Aggregate dimension
- Aggregate measurements

**NEW QUESTION 24**

- (Exam Topic 3)

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 Metadata Search from the Dynamics 365 menu.

- B. Select Model Management from the menu and then select View all package dependencies
- C. Right-click the Application Object Tree (AOT) node in Application Explorer and select Model View.
- D. Select Model Management from the menu and then select Refresh Models.

Answer: A

**NEW QUESTION 28**

- (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 33**

- (Exam Topic 3)

You are creating entities that will have unmapped fields. You need determine which type of unmapped field to use.

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

Answer Area

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

**Answer Area**

Requirement	Field type
Create a read-only field that fetches data directly from a view.	<input type="checkbox"/> computed <input checked="" type="checkbox"/> virtual
Create a field that is computed by SQL Server.	<input type="checkbox"/> computed <input checked="" type="checkbox"/> virtual
Create a field that is calculated row by row during read and write operations by using X++ code.	<input checked="" type="checkbox"/> computed <input type="checkbox"/> virtual
Create a non-persisted field.	<input type="checkbox"/> computed <input checked="" type="checkbox"/> virtual

**NEW QUESTION 34**

- (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:	<input type="radio"/>	<input type="radio"/>

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

- 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 39**

- (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 42**

- (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 style="border: 1px solid black; padding: 5px;">                     One, Two, Four, Five                      One, Two, Five  <span style="border: 2px solid red; padding: 2px;">One, Three, Four, Five</span> </div>
tryMethod(4,0);	<div style="border: 1px solid black; padding: 5px;"> <span style="border: 2px solid red; padding: 2px;">One, Three, Four, Five</span>                      One, Four, Five                      One, Two, Four, Five                 </div>
tryMethod(2,0);	<div style="border: 1px solid black; padding: 5px;"> <span style="border: 2px solid red; padding: 2px;">One, Three, Four</span>                      One, Three                      One, Three, Four, Five                 </div>
tryMethod(3,0);	<div style="border: 1px solid black; padding: 5px;">                     One, Two, Four, Five                      One, Three, One, Two, Four, Five  <span style="border: 2px solid red; padding: 2px;">One, Three, Four, One, Two, Four, Five</span> </div>

**NEW QUESTION 47**

- (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 50**

- (Exam Topic 3)

A company uses Dynamics 365 Finance.

Client companies require weekly updates for service performed. You create custom data entity by using the Data Entity wizard.

You need to expose a list of service to external business companies.

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

**Actions**

Synchronize the database.

Map the data entity to the data view.

Build the solution.

Configure properties for the data entity.

>

<

**Answer area**

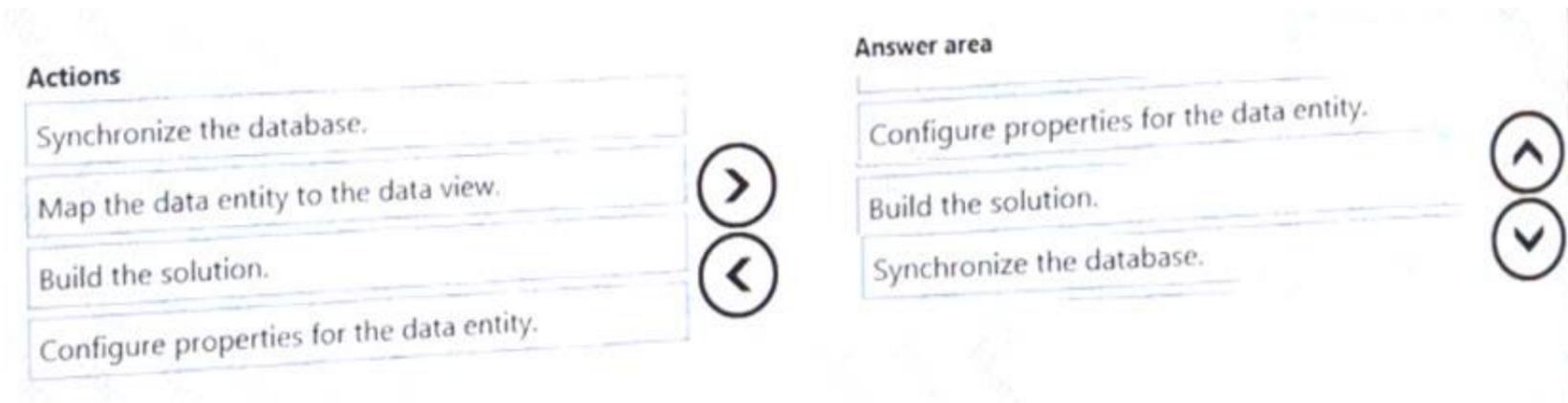
^

v

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



**NEW QUESTION 51**

- (Exam Topic 3)

You are a Dynamics 365 Finance developer.

Users are experiencing slower load times for the All Customers form. You need to update caching for CustTable to improve data retrieval times.

How should you configure CacheLookup properties? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Answer Area**

Property	Value
Set-based caching	<input type="checkbox"/> Entire table <input type="checkbox"/> None <input type="checkbox"/> Found <input type="checkbox"/> FoundandEmpty
Single-record caching	<input type="checkbox"/> Found <input type="checkbox"/> Entire table <input type="checkbox"/> None <input type="checkbox"/> SurrogateKey

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**

Property	Value
Set-based caching	<input type="checkbox"/> Entire table <input checked="" type="checkbox"/> None <input type="checkbox"/> Found <input type="checkbox"/> FoundandEmpty
Single-record caching	<input type="checkbox"/> Found <input type="checkbox"/> Entire table <input type="checkbox"/> None <input checked="" type="checkbox"/> SurrogateKey

**NEW QUESTION 52**

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