



Vendor: Microsoft

Exam Code: 70-354

Exam Name: Universal Windows Platform - App Architecture
and UX/UI

Version: DEMO

Case Study 1: Contoso, Ltd.

Case Study 2: Fabrikam, inc.

Case Study 3: Litware, Inc.

QUESTION 1

You are developing a Universal Windows Platform (UWP) app that will be published to the Microsoft Store.

The app will contain the following method.

```
public static string GetAnswer()  
{ return "answer";  
}
```

JavaScript in the app will call the method.

You need to implement the method.

What should you do first?

- A. Create a Windows Runtime Component project.
- B. Add a class file to the project.
- C. Create a portable class project.
- D. Add the method to the App.xaml.cs file.

Answer: A

QUESTION 2

You are developing a cross-platform app by using Microsoft Visual Studio 2015.

The app will be available to Windows, Android, and iOS devices.

You need to gather usage telemetry for the app across all three platforms.

What should you use?

- A. Code Coverage
- B. Diagnostic Tools
- C. IntelliTrace
- D. Application Insights

Answer: D

QUESTION 3

You are developing a Universal Windows Platform (UWP) app.

You need to implement remote debugging of the app on a tablet device.

What should you run on the tablet?

- A. windbg.exe
- B. msvsmon.exe
- C. al.exe
- D. msbuild.exe

Answer: A

QUESTION 4

You are developing a Universal Windows Platform (UWP) app by using Microsoft Visual Studio 2015.

You plan to perform unit testing.

You need to automate the creation of the unit tests.

What should you use?

- A. IntelliTest
- B. Application Insights
- C. Code Coverage
- D. Test Explorer

Answer: A

QUESTION 5

Drag and Drop Question

You are developing a Universal Windows Platform (UWP) app that will have ink capabilities.

You have the following code that configures the InkCanvas control.

```
<Grid>
<Grid.RowDefinitions>
    <RowDefinition Height="Auto" />
    <RowDefinition Height<>="Auto" />
    <RowDefinition Height="Auto" />
</Grid.RowDefinitions>
<Grid.ColumnDefinitions>
    <ColumnDefinition Width="Auto" />
    <ColumnDefinition Width="Auto" />
</Grid.ColumnDefinitions>
<TextBlock Text="Enter Date:" />
<TextBox x:Name="DateInput" Grid.Column="1" />
<ComboBox x:Name="CultureInput" Grid.Row="1" Grid.Column="1">
    <ComboBoxItem>en-US</ComboBoxItem>
    <ComboBoxItem>fr-FR</ComboBoxItem>
    <ComboBoxItem>fr-CA</ComboBoxItem>
    <ComboBoxItem>de-DE</ComboBoxItem>
</ComboBox>
<TextBlock Text="Select culture setting:" Grid.Row="1" />
<Button Content="Submit" Click="Button_Click" Grid.Row="2" />
<TextBlock x:Name="DateOutput" Grid.Row="2" Grid.Column="1" />
</Grid>
```

You need to develop the code for Button_Click.

You write the following code.

```
01. private void Button_Click(object sender, RoutedEventArgs e)
02. {
03.
04. }
```

Which code should you insert at line 03? Develop the solution by selecting and arranging the required code blocks in the correct order.

NOTE: You will not need all of the code blocks.

Code Blocks

```
DateOutput.Text = $"{inputDate.ToUniversalTime()}";
```

```
DateTime inputDate;
result = DateTime.TryParse(DateInput.Text,
    culture.DateTimeFormat, styles,
    out inputDate);
```

```
DateTime inputDate = DateTime.Parse(
    DateInput.Text, culture.DateTimeFormat,
    styles);
```

```
if (!result)
{
    DateOutput.Text = "Unable to recognize";
    return;
}
```

```
bool result = false;
var culture = new CultureInfo(
    CultureInput.SelectedValuePath);
DateTimeStyles styles = DateTimeStyles.AllowInnerWhite
    | DateTimeStyles.AllowLeadingWhite
    | DateTimeStyles.AllowTrailingWhite;
```

```
if (result)
{
    DateOutput.Text = "Unable to recognize";
    return;
}
```

Answer:

Code Blocks

```
DateOutput.Text = $"{inputDate.ToUniversalTime()}";
```

```
DateTime inputDate;
result = DateTime.TryParse(DateInput.Text,
    culture.DateTimeFormat, styles,
    out inputDate);
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```
DateTime inputDate;
result = DateTime.TryParse(DateInput.Text,
    culture.DateTimeFormat, styles,
    out inputDate);
```

```
DateOutput.Text = $"{inputDate.ToUniversalTime()}";
```

QUESTION 6

You are developing a Universal Windows Platform (UWP) app that will retrieve data from a Microsoft Azure SQL Database. The app will be used by multiple users simultaneously. You need to ensure that the app can use optimistic concurrency. What should you do?

- A. When data is accessed, set the transaction isolation level to Serializable.
- B. Add a column of the integer type named Lock that will be set to 1 when a user reads the row.
- C. When data is accessed, set the transaction isolation level to ReadUncommitted.
- D. Add a column named Version that contains a version number that will be incremented when a row is updated.

Answer: D

QUESTION 7

You are building a Universal Windows Platform (UWP) app that will be used to view images. When a user clicks an image by using a mouse, the image will increase in size by 20 percent, and then return to its original size when the user releases the mouse. You create event handlers to handle the PointerPressed and PointerReleased events for the image.

The user reports that occasionally, the image fails to return to its original size.

You need to ensure that the image returns to its original size.

Which three events should you handle? Each correct answer presents part of the solution.

- A. PointerExited
- B. PointerCaptureLost
- C. LostFocus
- D. PointerCanceled
- E. PointerMoved
- F. LostMouseCapture

Answer: BDE

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