DUMPSARENA

Developing Mobile Apps

Microsoft 70-357

Version Demo

Total Demo Questions: 10

Total Premium Questions: 54

Buy Premium PDF

https://dumpsarena.co

sales@dumpsarena.co

sales@dumpsarena.co
dumpsarena.co

Topic Break Down

Topic	No. of Questions
Topic 1, Case Study 1	10
Topic 2, Case Study 2	10
Topic 3, Case Study 3	6
Topic 4, Mixed Questions	28
Total	54

QUESTION NO: 1 - (DRAG DROP)

DRAG DROP

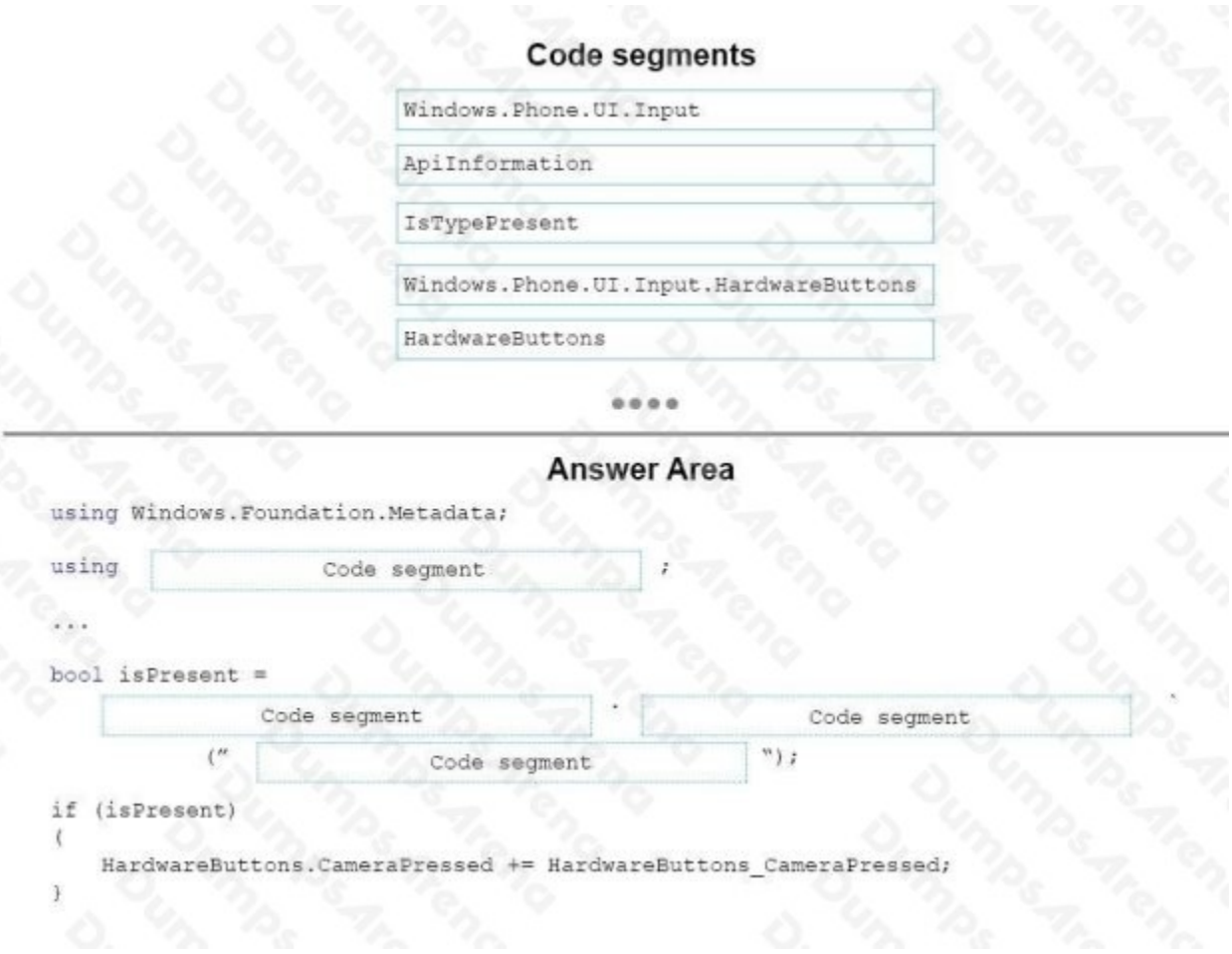
You are developing a Universal Windows Platform (UWP) app that needs to run on multiple types of devices.

The app must detect whether a device has a physical camera button.

For devices that have a physical camera button, you need to ensure that the app continues to function.

How should you complete the code? To answer, drag the appropriate code segments to the correct location or locations. Each code segment 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.

Select and Place:



ANSWER:

Explanation:

You could check and see if the backbutton is present to see if it is a mobile device

bool isHardwareButtonsAPIPresent =

Windows.Foundation.Metadata.ApiInformation.IsTypePresent("Windows.Phone.UI.Input.HardwareButtons")

Reference: https://docs.microsoft.com/en-us/windows/uwp/get-started/universal-application-platform-guide

QUESTION NO: 2

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.

You need to implement the appropriate XAML layout for the Timeline app.

Solution: You create an instance of a RelativePanel class.

Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

RelativePanel lets you layout UI elements by specifying where they go in relation to other elements and in relation to the panel. By default, an element is positioned in the upper left corner of the panel. Reference: https://docs.microsoft.com/en-us/windows/uwp/layout/layout-panels

QUESTION NO: 3 - (HOTSPOT)

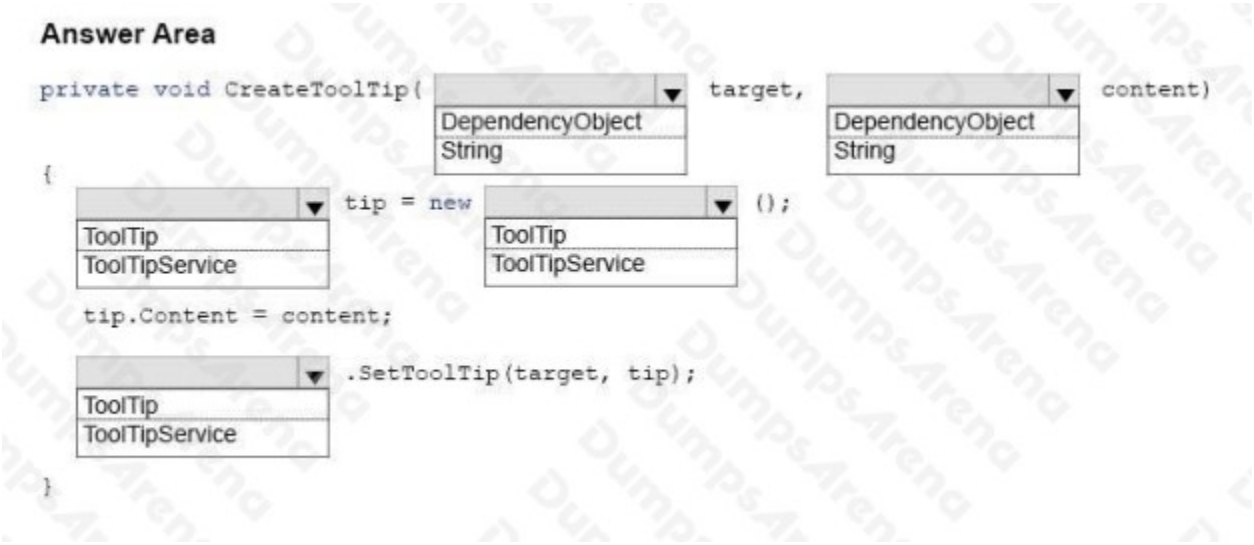
HOTSPOT

You are developing an app that displays photos.

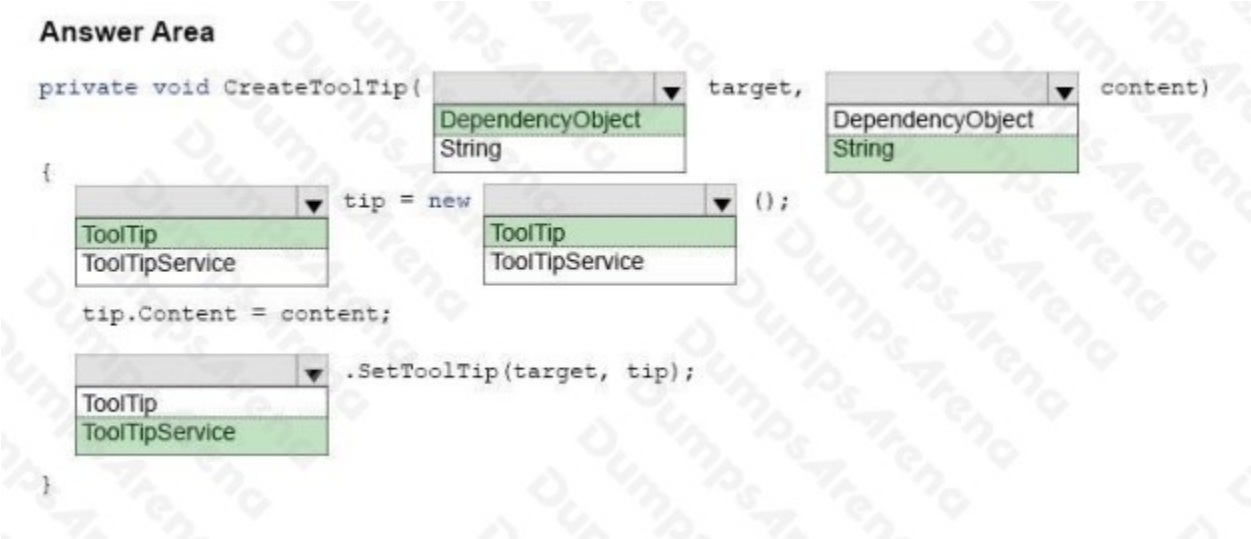
You need to create a method that displays informational text when a user hovers the pointer over a photo.

How should you complete the method? To answer, select the appropriate code segment from each list in the answer area.

Hot Area:



ANSWER:



Explanation:

A ToolTip must be assigned to another UI element that is its owner. In Extensible Application Markup Language (XAML), use the ToolTipService.Tooltip attached property to assign the ToolTip to an owner. In code, use the ToolTipService.SetToolTip method to assign the ToolTip to an owner.

The SetToolTip(DependencyObject, Object) method sets the value of the ToolTipService.ToolTip XAML attached property.

Reference: https://docs.microsoft.com/en-us/uwp/api/windows.ui.xaml.controls.tooltipservice#Windows_UI_Xaml_Controls_ToolTipService_ToolTipProperty

QUESTION NO: 4

You need to configure authentication for the app.

Which two technologies should you use? Each correct answer presents part of the solution.

A. Windows Hello

B. Windows Kerberos

C. Azure Active Directory

D. Microsoft Passport

ANSWER: A D

Explanation:

Microsoft Hello

Microsoft Hello provides simple multi-factor authentication using facial recognition (or iris, or fingerprints) that is used to access the Microsoft Passport private key stored in the secure TPM chip. For the first time, Microsoft has included the biometric software (middleware) in Windows 10 to support biometrics for authentication. In previous versions of Windows, the OEM (HP, Dell, Lenovo, etc) needed to add its own biometric middleware to support biometric authentication.

From scenario: The app must meet the following requirements related to security:

- Use a multi-factor authentication (MFA) by using email and a verification code to identify the user.
- Securely store credentials and retrieve credentials.
- Automatically sign in the user irrespective of the device that is used to sign in to the app.
- Store the resource name within the app itself.
- Connect to an authentication app by using the URI schema fabrikam-security://oauth/.

Note: Microsoft Passport

Microsoft has resurrected the Passport moniker for a new PKI credential system that requires multi-factor authentication. Most interesting about Microsoft Passport is that it fully supports the Fast IDentity Online (FIDO) Alliance standards which means it will work with many web/cloud services without modification. The plan is that users of cloud services supporting FIDO is that there will no longer be passwords associated with the user's account.

Microsoft Passport involves a user logging onto the Windows 10 computer with multi-factor (PIN, face, iris, fingerprint, etc) and either creating a new account or associating an existing account with an IDentity Provider (IDP). Windows generates a public/private key pair with the private key stored securely outside of the Windows 10 OS. The public key is associated with the account so that a challenge can be sent that can only correctly respond to the IDP. Another key point to the Microsoft Passport credential system is that the user needs to enroll every device used to access the service (IDP). Reference: https://adsecurity.org/?p=1535

QUESTION NO: 5

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.

You must create a project for shared code.

Solution: You implement the shared code in a Windows Runtime component.

Does this meet the goal?

A. Yes

B. No

ANSWER: B

Explanation:

References:

https://docs.microsoft.com/en-us/windows/uwp/winrt-components/

Mix Questions

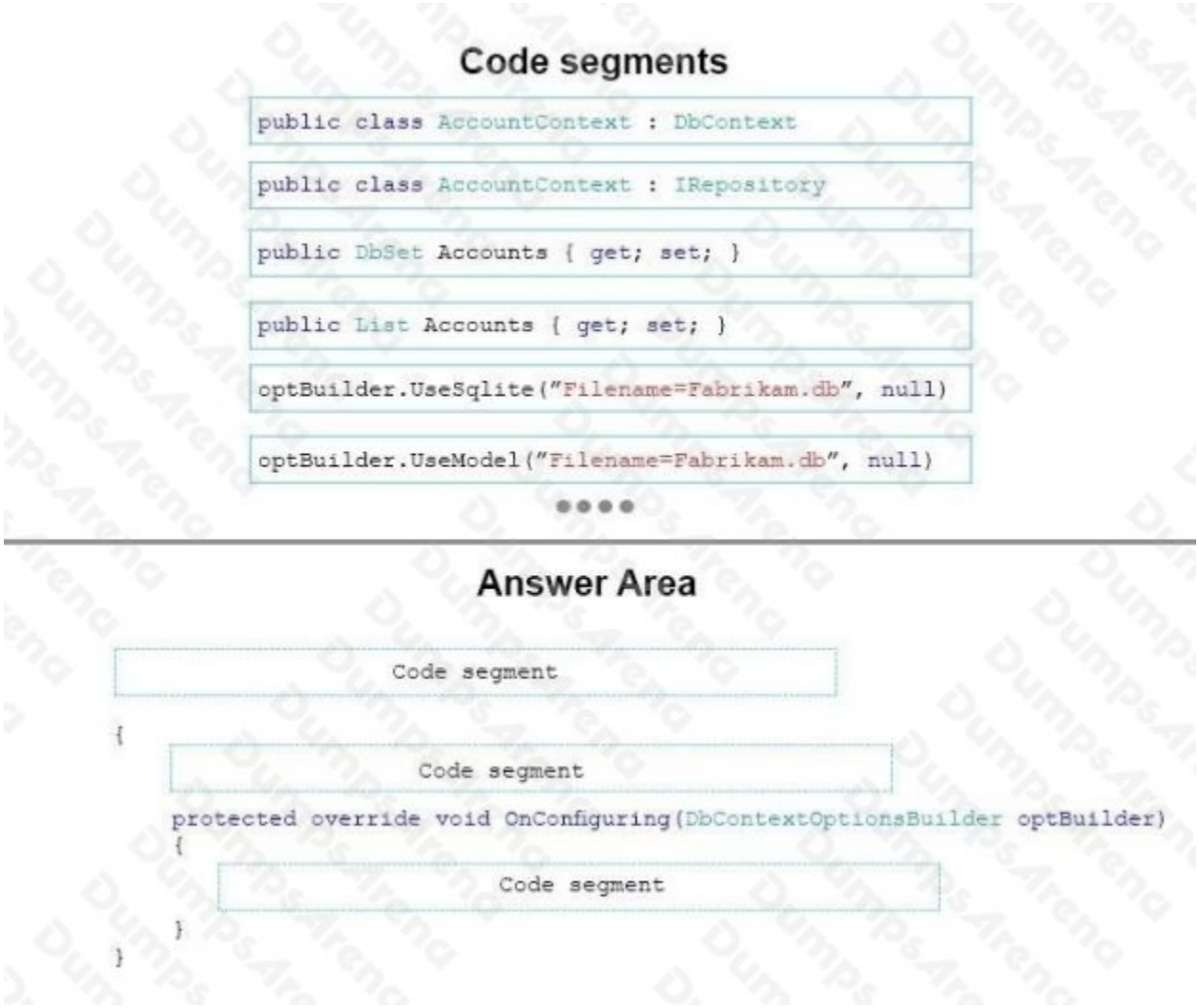
QUESTION NO: 6 - (DRAG DROP)

DRAG DROP

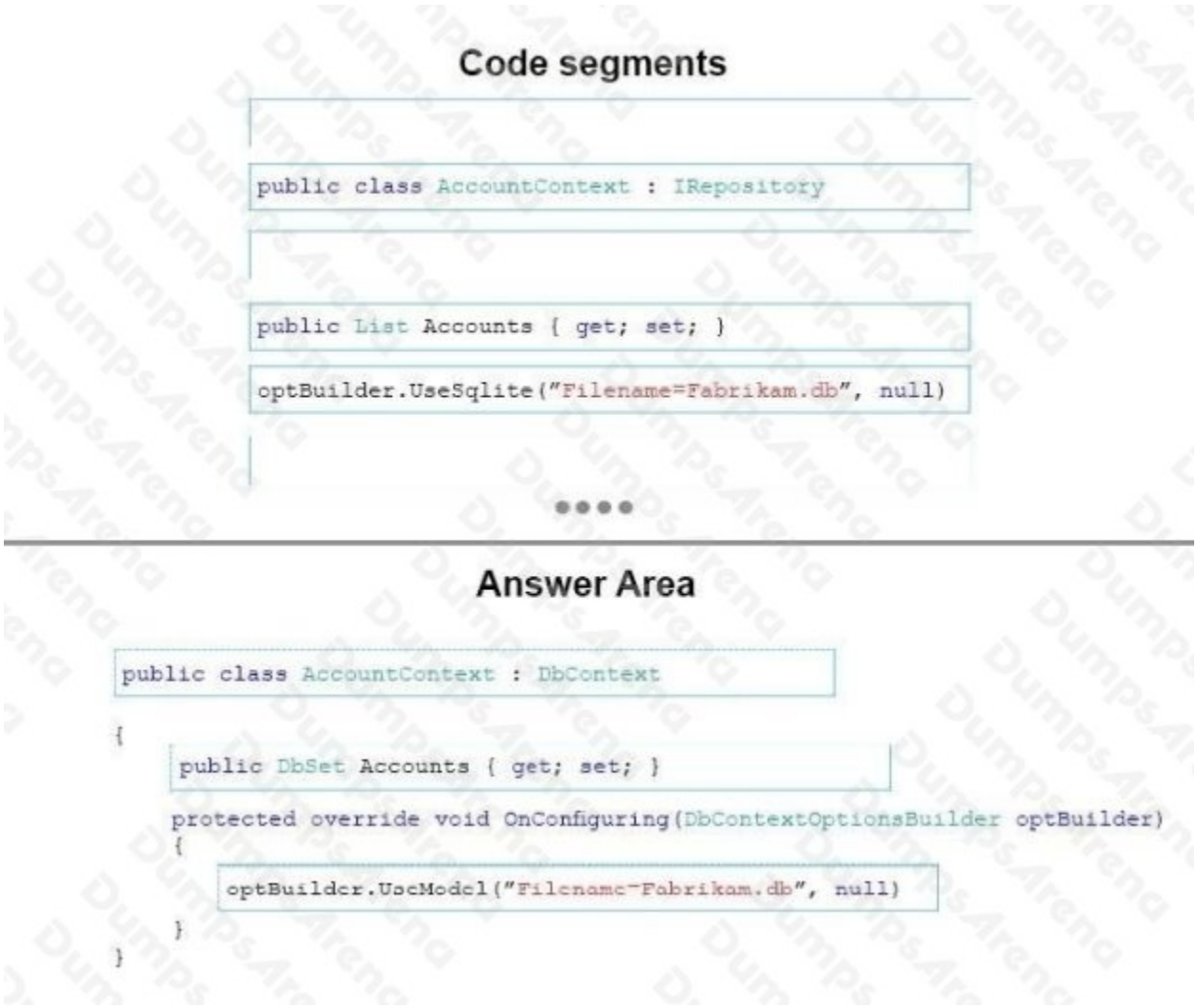
You need to insert code at line AC07 to create the database entities.

How should you complete the relevant code? To answer, drag the appropriate code segments to the correct location. Each code segments 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.

Select and Place:



ANSWER:



Explanation:

From scenario:

The app must use a file based database. You must use a code first entity framework approach.

The DbContextOptionsBuilder Class provides a simple API surface for configuring DbContextOptions. Databases (and other extensions) typically define extension methods on this object that allow you to configure the database connection (and other options) to be used for a context.

A DbSet can be used to query and save instances of TEntity. LINQ queries against a DbSet will be translated into queries against the database.

UseModel(IModel) sets the model to be used for the context. If the model is set, then OnModelCreating(ModelBuilder) will not be run.

Reference: https://docs.microsoft.com/en-us/ef/core/api/microsoft.entityframeworkcore.dbcontextoptionsbuilder

QUESTION NO: 7

You have two Universal Windows Platform (UWP) apps named Catalog and Research, respectively.

You need to create a service in the Catalog app that can be queried by the Research app.

Which three tasks should you perform? Each correct answer presents part of the solution.

A. Enter the package family name of the Catalog app in the Catalog app.

B. Add a Windows Runtime component to the Catalog app.

C. Enter the package family name of the Catalog app in the Research app.

D. Add an app service extension to package.appmanifest file in the Research app.

E. Add a Windows Runtime component to the Research app.

F. Add an app service extension to package.appmanifest file in the Catalog app.

ANSWER: B C F

Explanation:

F: Example: Add an app service extension to package.appxmanifest

In the AppServiceProvider project's Package.appxmanifest file, add the following AppService extension to the element. This example advertises the com.Microsoft.Inventory service and is what identifies this app as an app service provider. The actual service will be implemented as a background task. The app service app exposes the service to other apps

B: Create the app service

An app service is implemented as a background task. This enables a foreground application to invoke an app service in another application to perform tasks behind the scenes. Add a new Windows Runtime Component project to the solution.

C: Deploy the service app and get the package family name

The app service provider app must be deployed before you can call it from a client. You will also need the package family name of the app service app in order to call it.

Reference: https://docs.microsoft.com/en-us/windows/uwp/launch-resume/how-to-create-and-consume-an-app-service

QUESTION NO: 8 - (HOTSPOT)

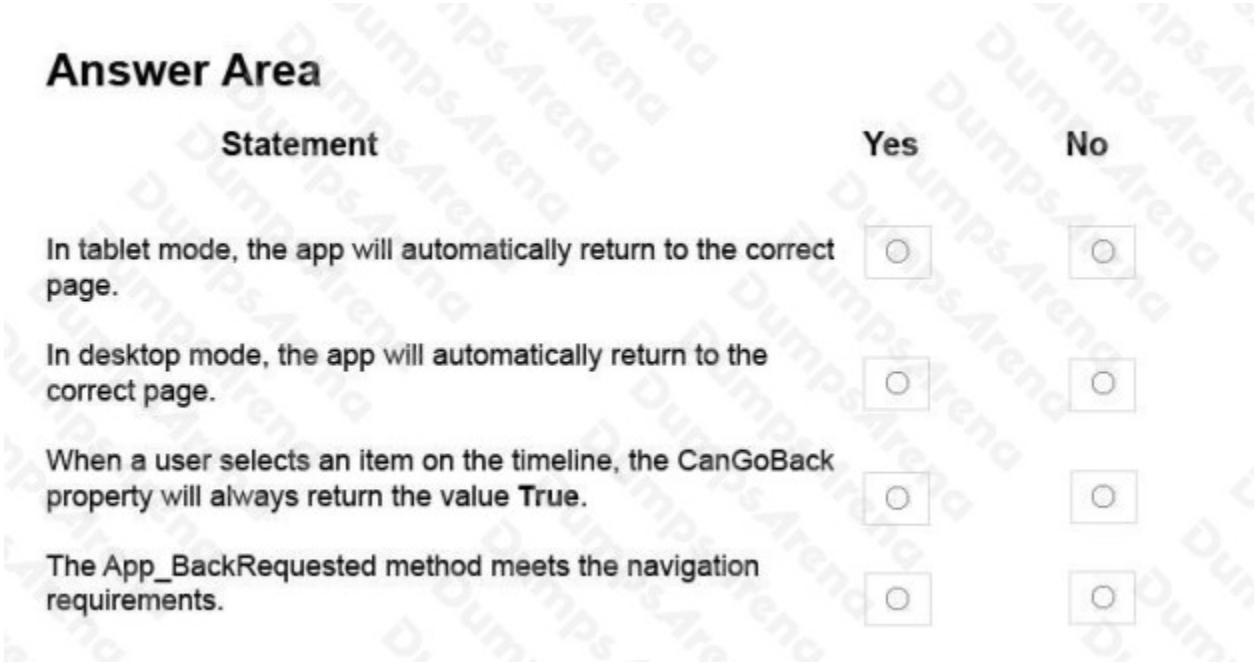
HOTSPOT

You are reviewing the App_BackRequested method in the MainPage.xaml.cs file.

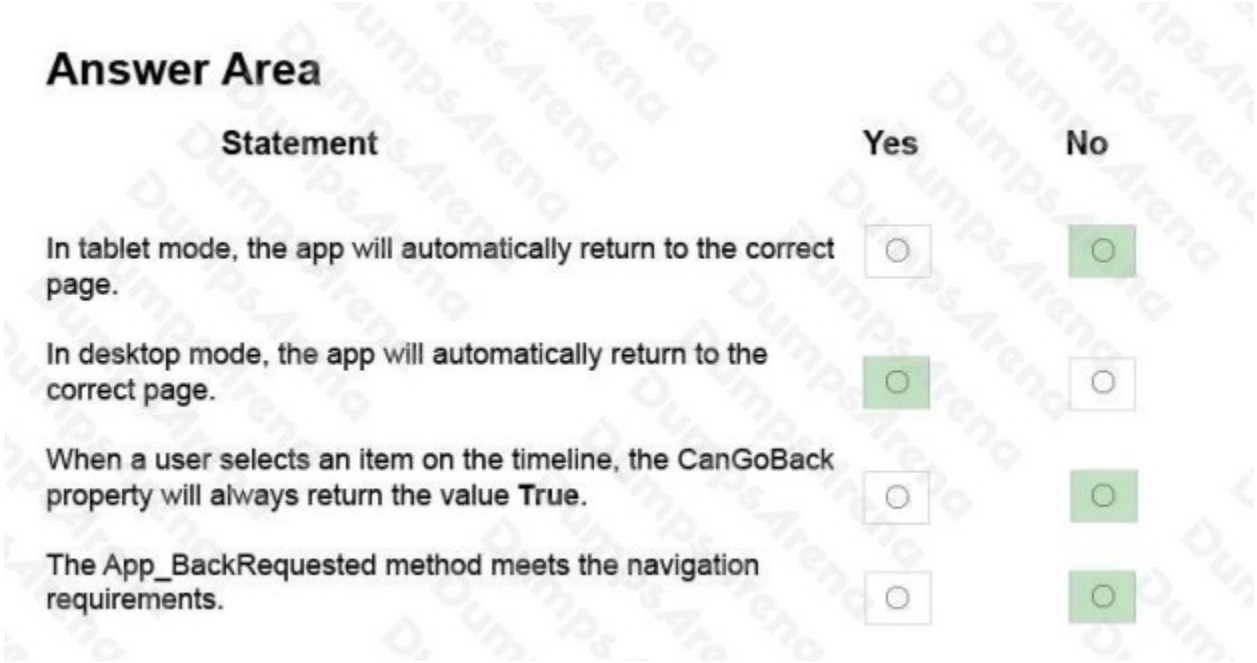
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:



ANSWER:



Explanation:

Box 1: No

If we assume that the client is a PC, then the back button is not available in tablet mode.

Box 2: Yes

If we assume that the client is a PC, then the back button is available in desktop mode.

Box 3: No

The user cannot go back from the first item on the timeline.

Box 4: No

From scenario: The Back and Forward buttons navigate through the app selection history. Both buttons must be available on all devices.

Reference: https://docs.microsoft.com/en-us/windows/uwp/layout/navigation-history-and-backwards-navigation

QUESTION NO: 9

You need to configure networking.

Which two networking technologies should you use? Each correct answer presents a complete solution.

A. Background Transfer API

B. StreamWebSocket class

C. HttpClient class

D. Custom WebSocket class

E. MessageWebSocket class

ANSWER: A C

QUESTION NO: 10

You are designing a roadside assistance mobile app. The app displays a persistent list of links to pages. The pages provide a quick way to move between different views of the app.

You need to recommend a user interface pattern that meets the following requirements:

- Allow users to navigate to frequently accessed, distinct content categories.
- Provide two or more content panes that have corresponding category headers.
- Display the navigation controls on the top of the screen. ▪ Highlight the currently selected navigation control.

Which pattern should you recommend?

A. hub

B. tabs and pivots

C. active canvas

D. master/details

ANSWER: B

Explanation:

The Pivot control and related tabs pattern are used for navigating frequently accessed, distinct content categories. Pivots allow for navigation between two or more content panes and relies on text headers to articulate the different sections of content. Tabs are a visual variant of Pivot that use a combination of icons and text or just icons to articulate section content. Tabs are built using the Pivot control.

References: https://docs.microsoft.com/en-us/windows/uwp/design/controls-and-patterns/pivot