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Exam Name: Microsoft Essentials of Developing Windows Store Apps using HTML5 and JavaScript

Version: DEMO

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QUESTION 1
You are developing two Windows Store apps named PhotoApp and PictureAlbum.

The apps must meet the following requirements:

```
- PhotoApp must have access to images on the local computer on which
PhotoApp is running.
- PictureAlbum must be able to access the images from PhotoApp.
```

You need to configure the deployment package settings for both apps to ensure that the requirements are met.

What should you do?

A. Add the Pictures Library setting to the list of declarations for PhotoApp, and add the Share Target setting to the list of capabilities for PictureAlbum.
B. Add the Share Target setting to the list of declarations for PictureAlbum, and add the Pictures Library setting to the list of capabilities for PhotoApp.
C. Add the Pictures Library setting to the list of capabilities for PictureAlbum, and add the Share Target setting to the list of declarations for PictureAlbum.
D. Add the URI of PhotoApp to the Content URIs list for PictureAlbum, and add the URI of PictureAlbum to the Content URIs list for PhotoApp.

Answer: A

QUESTION 2
You are planning to deploy a Windows Store app to a large number of users. The size of the app is approximately 5 GB.

You need to package the app to prepare it for deployment to the Windows Store.

How many packages should you use?

A. 3
B. 1
C. 2
D. 4

Answer: A

QUESTION 3
You are developing a Windows Store app by using HTML5. The app will be optimized for accessibility.

The app must meet the following accessibility requirements:

```
- Provide support for navigating all user interface elements.
- Provide support for invoking default functionality on the user
interface.
- Provide support for use of a computer keyboard.
```

You need to ensure that the app meets the accessibility requirements.

Which actions should you perform? (Each correct answer presents part of the solution. Choose all that apply.)

A. Set the tabIndex attribute for interactive elements.
   Dynamically manage the tabIndex attribute for composite elements.
B. Set the aria-live attribute of user interface elements to polite for important content that changes dynamically.
C. Ensure that visible text has a minimum luminosity contrast ratio of 1:1 against the background.
D. Implement event handlers for invoking default functionality.

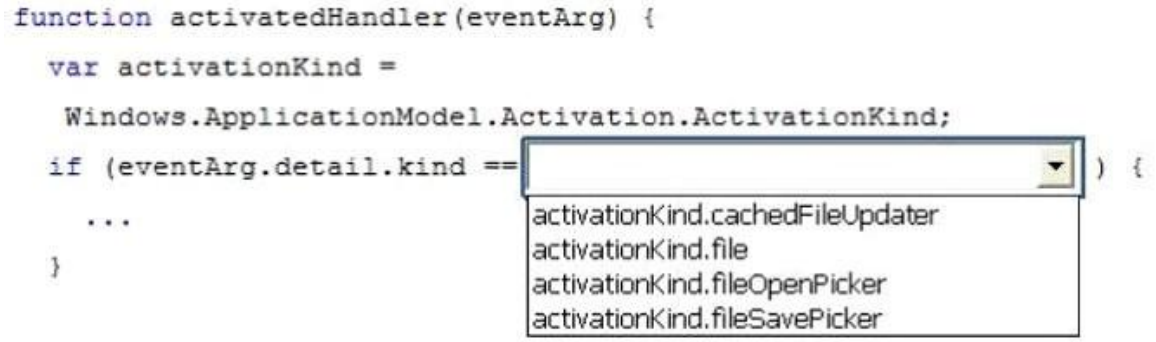
Answer: AB

QUESTION 4
Hotspot Question

You are developing a Windows Store app.

You need to ensure that a file that is launched by the app is handled when the app is activated.

Which code segment should you use? (To answer, select the correct option from the drop- down list in the answer area.)



Answer:

```
function activatedHandler(eventArg) {
  var activationKind =
   Windows.ApplicationModel.Activation.ActivationKind;
  if (eventArg.detail.kind ==                    ) {
    ...
  }
```

activationKind.cachedFileUpdater
activationKind.file
activationKind.fileOpenPicker
activationKind.fileSavePicker

QUESTION 5
You are developing a Windows Store app by using HTML5 and JavaScript. The app will support both the English and French languages.

The app must meet the following requirements:

- Automatically load language-specific string resources from a resource file, and access the resources from within the HTML by using data-win res attributes.
- Use the base.js file from the Windows Library for JavaScript.

You need to ensure that the correct language-specific resources are used.

What should you do?

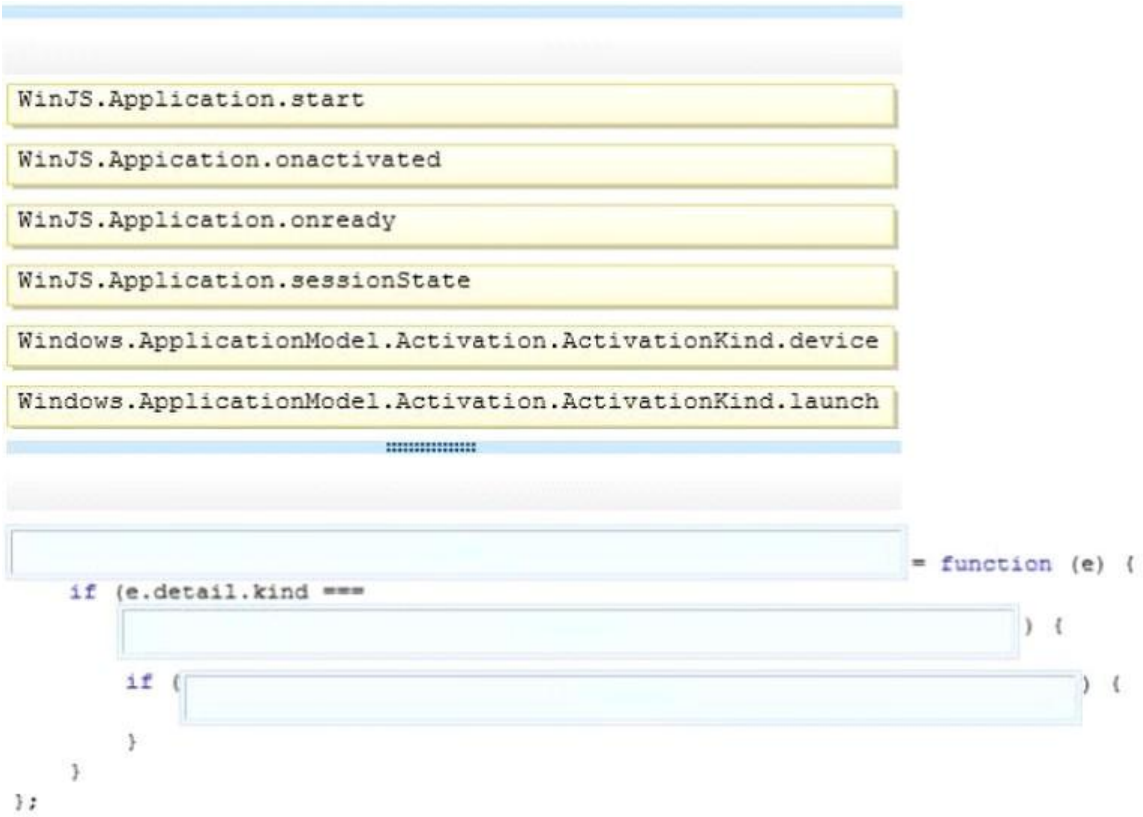
A. Specify both the element properties and the resource names of data-win-res attributes, and process the data-win-res attributes in the onactivated event.
B. Specify only the properties of data-win-res attributes, and process the data-win-res attributes prior to the DOMContentLoaded event.
C. Specify both the element properties and the resource names of data-win-res attributes, and process the data-win-res attributes immediately after the DOMContentLoaded event.
D. Specify only the resource names of data-win-res attributes, and process the data-win- res attributes in the onactivated event.

Answer: C

QUESTION 6
Drag and Drop Question
You are developing a Windows Store weather app.

You need to restore the state of the app while the app is being reactivated.

Which code segments should you use? (To answer, drag the appropriate code segments to the correct locations in the answer area. 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.)


WinJS.Application.start
WinJS.Appication.onactivated
WinJS.Application.onready
WinJS.Application.sessionState
Windows.ApplicationModel.Activation.ActivationKind.device
Windows.ApplicationModel.Activation.ActivationKind.launch
= function (e) {
if (e.detail.kind ===
) {
if (
) {
}
}
};

Answer:



QUESTION 7
You are developing a Windows Store app that will be used to display daily high temperatures and other weather conditions for five cities.

The app must meet the following requirements:

- A splash screen is displayed on the device until the data is retrieved from the Internet.
- The user must be able to view weather information as soon as the data is fully available.

You need to ensure that the splash screen is displayed at startup until the app has completed loading updated data.

Which actions can you perform to achieve this goal? (Each correct answer presents a complete solution. Choose all that apply.)

A. Configure settings in the app manifest to display the splash screen until the data is fully available.
B. Create an image that duplicates the splash screen, load the image from the dismissed event of the splash screen, and display the image until the data is fully available.
C. Create an image that duplicates the splash screen, and display the image by using fragment loading until the data is fully available.
D. Configure settings in the app manifest to display the splash screen for 10 seconds.

Answer: CD

QUESTION 8
You are developing a Windows Store app. The app includes the following HTML markup:

```
<div class="Container">
  <div class="Child1">
    Child 1
  </div>
  <div class="Child2">
    Child 2
  </div>
  Container
</div>
```

You are creating a Flexible Box layout for the application. The layout must be configured as shown in the following display.



The Flexible Box layout must conform to the following requirements:

- The Child2 DIV element must appear on the right side of the layout.
- The Child1 DIV element must appear immediately to the left of Child2.

You need to add CSS to ensure that the requirements are met. Which CSS segment should you add to the style sheet?

A.
```
.Container {
  -ms-box-orient: horizontal;
  `background: grey;
  border: blue;
}

.Child1 {
  border: thick solid red;
}

.Child2 {
  border: thick solid blue;
}
```

B.
```
.Container {
  background: grey;
  border: blue;
}
.Child1 {
  float: left;
  border: thick solid red;
}
.Child2 {
  float: right;
  border: thick solid blue;
}
```

C.
```
.Container {
  display: -ms-box;
  background: grey;
  border: blue;
}
.Child1 {
  width: 100px;
  height: 100px;
  border: thick solid red;
}
.Child2 {
  width: 100px;
  height: 100px;
  border: thick solid blue;
}
```

D.
```
.Container {
  display: -ms-box;
  -ms-box-pack: end;
  background: grey;
  border: blue;
}
.Child1 {
  width: 100px;
  height: 100px;
  border: thick solid red;
}
.Child2 {
  width: 100px;
  height: 100px;
  border: thick solid blue;
}
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

QUESTION 9
You are developing a Windows Store text editor app by using HTML5 and JavaScript.

Users must be able to select text within the app and then copy the text.

You need to enable the copy feature.

Which code segments should you use? (Each correct answer presents part of the solution. Choose all that apply.)

A.
```
var menu = new Windows.Graphics.UI.Popups();
  menu.commands.append(new Windows.UI.Popups.UICommand("Copy", null, 1));
```

B.
```
var menu = new Windows.UI.Popups.PopupMenu();
menu.commands.append(new Windows.UI.Popups.UICommand("Copy", null, 1));
```

C.
```
function handleKeyPressUp(e) {
  var KeyID = e.keyCode;
  ...
}
document.oninput = handleKeyPressUp;
```

D.
```
varmenu = newWindows.UI.Popups();
 menu.commands.append(newWindows.UI.Popups.UICommand("Copy", null, 1));
```

E.
```
function handleKeyPressUp(e) {
  var KeyID = e.keyCode;
  ...
}
document.onkeyup = handleKeyPressUp;
```

F.
```
function handleKeyPressUp(e) {
  var KeyID = e.keyCode;
  ...
}
document.onkeyclick = handleKeyPressUp;
```

A. Option A
B. Option B
C. Option C
D. Option D

Answer: AB

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