

Week 2 Quiz

[Help](#)

The **due date** for this quiz is **Thu 6 Feb 2014 9:00 PM PST**.

- ☒ In accordance with the Coursera Honor Code, I (Luigi Fugaro) certify that the answers here are my own work.

Thank you!

Question 1

Which two of the following statements capture the main purposes of the Service class?

- ☒ To enable remote (inter-process) operations.
- ☒ To support long-running, in the background operations.
- ☐ To manage concurrent access to shared databases.
- ☐ To provide an application's user interface.

Question 2

Ignoring the initial xml declaration, what is the outermost xml tag used in the AndroidManifest.xml file?

Question 3

How would you specify a string called "exit_message" whose value is "Goodbye", within a strings.xml file?

- ☒ <string name="exit_message">Goodbye</string>

- ☐ `<value android:id="string_name">text_string</value>`
- ☐ `<string> "Goodbye" </string>`
- ☐ `<string name="string_name">text_string</string>`

Question 4

(True or False) One of the main jobs of the Activity class is to support concurrent access to shared, inter-application data.

- ☐ True
- ☒ False

Question 5

The example applications for this lecture contain Activities that call `setContentView()`, passing in a resource ID. Which one of the following statements correctly reflects what the `setContentView()` method does?

- ☐ It validates the data type of the resource ID.
- ☐ It inserts a package in the PackageManager's database.
- ☒ It processes the underlying resource file to create Java Objects corresponding to the elements specified in the resource file.
- ☐ It attaches button listeners to the code.

Question 6

Suppose that your application has brought ActivityA into the foreground. The user then presses a button shown by ActivityA, which causes ActivityB to be brought into the foreground, ready for user interaction. At this point, what was the last lifecycle method called on ActivityA and on ActivityB?

- ☐ ActivityA.onPause() and ActivityB.onRestart().

- ☒ ActivityA.onStop() and ActivityB.onResume().
- ☐ ActivityA.onResume() and ActivityB.onDestroy().
- ☐ ActivityA.onDestroy() and ActivityB.onCreate().

Question 7

Suppose you write an Activity that edits some persistent user information such as the user's account name, but does not save it immediately. This important data must be saved before the application exits. In which lifecycle method should you normally save the data?

- ☐ onStop().
- ☐ onDestroy().
- ☐ onResume().
- ☒ onPause().

Question 8

Suppose you attach an OnClickListener to a Button in your Activity. When will this Object's onClick() method be called?

- ☒ When the user presses and releases the Button in quick succession .
- ☐ When the user hits the Home Key.
- ☐ When the user presses and holds the Button.
- ☐ When the user hits the Back Key.

Question 9

One example of a configuration change, is when the user changes the device's global font size. If you want to handle this configuration change manually, what value would you add to a android:configChanges attribute in the application's AndroidManifest.xml file? See: <http://developer.android.com/guide/topics/manifest/activity-element.html> for more

information.

fontScale

Question 10

(True or False) Unless you have a strong reason for doing so, you should generally avoid handling configuration changes manually.

- ☒ True
- ☐ False

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Thank you!

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