

Week 4 Quiz

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The **due date** for this quiz is **Sun 23 Feb 2014 9:01 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 of the following statements describe key responsibilities of a View?

- ☒ To respond to events directed to them.
- ☐ To handle device reconfiguration.
- ☒ To draw themselves.
- ☐ To contain other Views.

Question 2

Which of the following are properties that can be set on a View?

- ☐ Screen orientation.
- ☐ Position.
- ☒ Visibility.
- ☒ Opacity (transparency).

Question 3

(True or False) - An AutoCompleteTextView is a subclass of ViewGroup. Hint: Consult the Android documentation at <http://developer.android.com/reference/classes.html>

- ☐ True.
- ☒ False.

Question 4

Which of the following statements describe the relationship between AdapterView and its Adapter?

- ☒ The AdapterView creates the Views for the data in the Adapter.
- ☐ The Adapter asks for Views from the AdapterView.
- ☒ The Adapter manages a data set for the AdapterView.
- ☐ Adapters can notify the AdapterView when the Adapter data changes.

Question 5

Suppose a layout file declares a LinearLayout called LL that contains two child Views, View1 and View2. In the layout file View1 is given an android:layout_weight of 2 and a layout_width of 0dp. View 2 is given an android:layout_weight of 3 and a layout_width of 0dp. In this example, which of the following statements must be true?

- ☐ View 2 takes up 2/3 of the display's width.
- ☒ View 1 takes up 2/5 of the display's width.
- ☒ View 2 takes up 3/5 of LL's width.
- ☐ View 1 takes up 2/3 of LL's width.

Question 6

When a user long clicks on a View that has registered to show a Context Menu, which one of the following methods will be called?

- ☐ registerForContextMenu().
- ☐ onContextItemSelected().

- ☐ setHasOptionsMenu().
- ☒ onCreateContextMenu().

Question 7

Suppose that an application wants to create and display a Dialog. If the application embodies the Dialog in a DialogFragment, which DialogFragment method will it call to make the Dialog visible to the user?

- ☐ showFragment().
- ☐ onCreateView()
- ☒ show()
- ☐ dismiss()

Question 8

The ActionBar has four functional areas: The App icon, a View control area, an Action Buttons area and an Action Overflow area. What is the purpose of the Action Overflow area? See; <http://developer.android.com/design/patterns/actionbar.html> for more information.

- ☐ The Action Overflow area lets the user navigate back to previous points in the Task Back Stack.
- ☐ It is the default location for Action buttons.
- ☒ The Action Overflow area displays a drop down list for accessing commonly-used functions.
- ☐ When Action Buttons cannot fit in or should not be placed on the Action Bar, they are displayed in a separate View that is accessible by touching the Action Overflow area.

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Thank you!

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