

CMSC 436 Quiz #2

Feb. 14, 2013

Name: _____

Directory ID: _____

Problem 1

What is a Fragment? Name three subclasses that you can extend, instead of the base Fragment class.

Solution:

A Fragment represents a behavior or a portion of user interface in an Activity.

Three subclasses that you can extend: DialogFragment, ListFragment, PreferenceFragment

Problem 2

What is the difference in behavior between an activity and a fragment regarding the back stack?

Solution:

An activity is placed into a back stack of activities that's managed by the system when it's stopped, by default. However, a fragment is placed into a back stack managed by the host activity only when you explicitly request that the instance be saved by calling `addToBackStack()` during a transaction that removes the fragment.

Problem 3

Determine the correctness of following statements about Fragment.

Solution:

✓	✗	Description
■	<input type="checkbox"/>	A fragment must always be embedded in an activity and the fragment's lifecycle is directly affected by the host activity's lifecycle.
■	<input type="checkbox"/>	To provide a layout for a fragment, you must implement the <code>onCreateView()</code> callback method.
■	<input type="checkbox"/>	At any time while your activity is running, you can add fragments to your activity layout.
■	<input type="checkbox"/>	The order in which you add changes to a <code>FragmentManager</code> doesn't matter other than to affect the order of the fragments in the view hierarchy.