1. Discuss the states of an activity during its lifecycle in an Android app.

An activity is a single, focused thing that the user can do. There are three states of an activity during its lifecycle in an Android app: Running, Paused, and Stopped. During running state, activity is visible and interacted with user. In Paused state the activity is visible but loses focused and stopped state when the app is neither visible nor focused.

1. Discuss how user interactions are handled in Android apps.

User interaction are handled in Android apps by View class, it captures the events from the specific View object that the user interacts with. Components in View class are TextView, Button and EditText.

1. Why using fragments to build activities in Android programming?

Using fragments to built activities in Android programming because fragment is a behavior of user interface in an activity. Multiple fragments can be combined in a single activity to built a UI fragment.

1. Briefly discuss steps to create a UI fragment hosted by an activity.

Fragment can be embedded in activities. Frist, fragment create new layout for activity of an XML layout. Using the support library, create a Java class for the fragment. Final step is to add a fragment to an activity using Java dynamically and XML statically.

1. In which lifecycle method you inflate a fragment's view? Is it the same method you inflate the view for an activity in Assignments 1 and 2?

Lifecycle method to inflate a fragment’s view is onCreateView. It’s not the same method that I inflated the view for an activity in Assignments 1 and 2.

1. Discuss how to apply RecyclerView to display lists.

To apply RecyclerView to display lists, we have to specify an adapter, a ViewHolder and a layout manager.

1. Discuss how fragment arguments are used to exchange data between the CrimeActivity and CrimeListActivity.

CrimeActivity is attatched to new CrimeFragment then fragment links the data between the CrimeActivityy and CrimeListActivity by using code getArgument()

1. Questions and/or comments, if any, regarding Assignments 1, 2, 3, and/or 4.

No comment.