1. What is the major difference between an ​ abstract class and an ​ interface?

**Ans:** We cannot extend more than one abstract class.

We can implement more than one interface.

1. Why is Java 7’s class inheritance flawed?

**Ans:** I don’t know.

1. What are the major differences between ​ Activities and ​ Fragments?

**Ans:** An Activity is an application component that provides a screen

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

1. When using ​ Fragments, how do you communicate back to their hosting Activity?

**Ans:** **Part A:** when we can do the exact same thing with different parent layouts and different classes. Easier to have two parent layouts, one for list and the other for webview.

**Part B:** Use an interface as a call back to the activity.

1. Can you make an entire app without ever using ​ Fragments? Why or why not?

**Ans:** Yes I did entire app without using Fragments, Because in that time Android didn’t release Fragments.

1. What makes an AsyncTask such an annoyance to Android developers? Detail some of the issues with AsyncTask, and how to potentially solve them.

**Ans:** AsyncTask executes everything in doInBackground() inside of another thread, which does not have access to the GUI where your views are preExecute() and postExecute() offer you access to GUI before and after the heavy lifting occurs in this new thread, you can even pass the result of the long operation to postExecute() to then show any results of processing.