IT 2110 – Android Mobile App Development   
**Lab 5 –** **Worker Threads**

**Description:**Writing responsive apps

**Instructions:**

1. In your own words, explain when you would use 1. AsyncTask vs. 2. View.post() vs. 3. IntentService to run statements in a worker thread . [6 points]
2. Using the code from this week’s reading assignment (note: full code towards the end of the chapter). Modify each call, so that it runs a random amount of time (use <http://developer.android.com/reference/java/util/Random.html>). When complete, display the value of the amount of time that it took. Note: just display the value of the random number….you do not need to set a timer. [12 points]
3. **Deliverables:**Please submit screenshots in this document after each question. Take screenshots of your editor window and the app running on your computer.