IN-LECTURE QUESTIONS FOR VIDEO 5.3

Note: See the answer key at the bottom of this file.

1. Select all that are true. The package line:
   a. Cannot appear twice in the same Java file
   b. Must agree with the directory path of the Java file
   c. Appears at the top of the Java file (before the import and class definition)
   d. Appears at the end of the Java file(after the class definition)

2. If I have a Java file stored in "src/apps101/play/MyFirstActivity.java", what should its package line be?
   a. package src.apps101.play.MyFirstActivity;
   b. package apps101.play.MyFirstActivity.java;
   c. package apps101.play.MyFirstActivity;
   d. package apps101.play;

3. findViewById should be called _____ the views have been created.
   a. before
   b. after

4. Inside the app's manifest (AndroidManifest.xml file) the IntentFilter can be applied:
   a. To the entire manifest
   b. To an activity entry
   c. To the first permission

5. Which of the following starts an Activity, 'HighScoreScreen.java' in the same package?
   ```
   a. go.setClass(this, HighScoreScreen.class);
      Intent go = new Intent();
      startActivity(go);

   b. Intent go = new Intent();
      go.setClass(this, HighScoreScreen.class);
      startActivity(go);

   c. Intent go = new Intent();
      go.setClass(this, HighScoreScreen.class);
   ```

6. Which of the following randomly evaluates to true about 50% of the time and false otherwise?
   a. Math.random() > 0.5
   b. Math.random > 0.5
   c. Math.random(0.5)
   d. Math>0.5 random
   e. random>50

7. Which of the following is the correct Java syntax to use a conditional 'if' statement so that part of your code may or may not be executed?

```
a. <if>
   statements in here
   </if>
```

```
b. if( something that evaluates to true or false) [
       statements in here
   ]
```

```
c. if( something that evaluates to true or false) {
       statements in here
   }
```

```
d. {statements in here} if (something that evaluates to true or
   false);
```

ANSWER KEY:

1. a, b, c
2. d
3. b
4. b
5. b
6. a
7. c