**NAME ID**

*Natnael Asefa………1282*

*Dawit Getachew….1166*

**Answers:**

**Assignment I**

**QUESTION 1**

What changes are made when you add a second Activity to your app by choosing File > New > Activity and an Activity template? Choose one:

**Answer C**,The second Activity is added as a Java class, the XML layout file is created, and the AndroidManifest.xml file is changed to declare a second Activity.

**QUESTION 2**

What happens if you remove the android:parentActivityName and the <meta-data> elements from the second Activity declaration in the AndroidManifest.xml file?

**Answer D,** The Up button in the app bar no longer appears in the second Activity to send the user back to the parent Activity.

**Question 3**

Which constructor method do you use to create a new explicit Intent?

**Answer B,**new Intent(Context context, Class<?> class)

**QUESTION 4**

In the HelloToast app homework, how do you add the current value of the count to the Intent? Choose one:

**Answer D,**As an Intent extra

**QUESTION 5**

In the HelloToast app homework, how do you display the current count in the second "Hello" Activity?

**Answer B,**Get the current count value out of the Intent. And

**C,**Update the TextView for the count.

**Assignment II**

**QUESTION 1**

If you run the homework app before implementing onSaveInstanceState(), what happens if you rotate the device?

**Answer B,** The counter is reset to 0, and the EditText no longer contains the text you entered.

**QUESTION 2**

What Activity lifecycle methods are called when a device-configuration change (such as rotation) occurs?

**Answer C**,Android shuts down your Activity by calling onPause(), onStop(), and onDestroy(), and then starts it over again, calling onCreate(), onStart(), and onResume().

**QUESTION 3**

When in the Activity lifecycle is onSaveInstanceState() called? Choose one:

**Answer A**, onSaveInstanceState() is called before the onStop() method.

**QUESTION 4**

Which Activity lifecycle methods are best to use for saving data before the Activity is finished or destroyed? Choose one:

**Answer A,** onPause() or onStop()