Beginning Android

Individual Assignment 1

# Grade Sheet

Please complete this grade sheet and submit it with your final project. Give yourself a grade for each item listed below. If you completed the entire item, assign yourself 10 out of 10. If you completed part of an item, assign yourself something less than 10 out of 10. If you did not start an item, assign yourself 5 out of 10. Note that it is in your best interest to answer this grade sheet honestly. If you assign yourself anything greater than 5/10 for an item that you did not do correctly, I will assign 0/10.

**Overall:**

* Did something extra, beyond the minimum stated here: \_\_/10
  + What did you do? You must complete this to get credit. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Code well commented.   Methods have Javadoc listing general purpose, params, and returns.  Individual lines are commented, where appropriate.  \_\_/10
* Code is properly formatted. Press Control-A, Control-I to format each class. \_\_/10
* Two layouts defined with XML: \_\_/10
* Two classes that extend Activity: \_\_/10
* LogonActivity has an EditText with a hint: \_\_/10
* LogonActivity has a Button, and an onClick assigned to the button: \_\_/10
* If the user does not enter text in the Edit Text, a Toast will appear: \_\_/10
* ConfirmationActivity has a TextView to display information entered in Activity 1: \_\_/10
* The background color is unique for each activity. \_\_/10

# Due Dates

See Blackboard – Tools & Communications – Calendar for official due dates.

# Instructions

Create a new Android application which contains the following controls and features:

## Activity 1: LogonActivity

Create a layout named logon.xml, and corresponding activity named LogonActivity. LogonActivity should extend class Activity.

The layout and Activity should contain an EditText View with hint: Enter your name here

- Button with text "Enter"

## Activity 2: ConfirmationActivity

Create a layout named confirmation.xml, and corresponding activity named ConfirmationActivity. ConfirmationActivity should extend class Activity.

The layout and activity should contain a TextView to display text entered from Activity 1

## Behavior

The application should perform in the following manner:

The user enters their name in the EditText field and presses the "Enter" button. If the user did not enter any text in the EditText field, show a "Toast" message with the following response: "You must enter your name in the name field".

If the user did enter their name in the EditText field, start a new Activity with a TextView to display the name that the user entered in the EditText field from the previous activity. Display the following text in the new activity "Hello usersname".

Change the background color of both activities.