Lab 2 – A multi-screen application

This lab will give you practice creating a multi-screen application. These are the main concepts you will apply:

- Starting a new activity using an Intent object
- Sending information from one activity to another using an Intent object
- Using activity life-cycle call-back methods: onCreate and onResume
- Using an ActionBar with "up" navigation to return to a "parent" activity (groups A and C)

Part 1 – Tutorial: Hello Multiscreen Apps

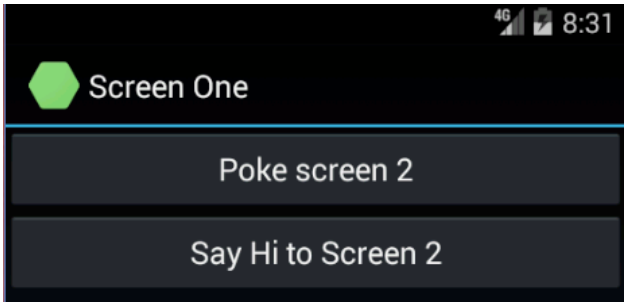
Complete the tutorial, "Hello Multiscreen Apps", which was also the required reading this week.

Part 2

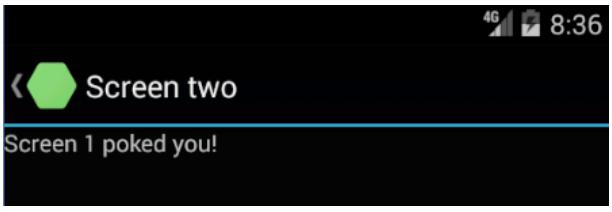
Assignment for Group A – Poke a Screen (or poke someone or something of your choice)

Write an app with two activities. A button on the first activity's UI will send a message to the second activity. The second activity will keep track of how many times it has been started. A button on the second activity's UI will send a message back to the first.

1. Add code to the default MainActivity
   - Add a button with the text "Poke Screen 2"
     - In this button's event handler, send an intent to screen 2 with a Boolean value set to true.
   - Add a button with the text "Say Hi to Screen 2"
     - In this button's event handler send an intent to screen 2 with the string "Hi from screen 1" (or some message of your own choice).



2. Add a second Activity
   - Add an ActionBar with an "up" button.
   - Add a TextView that displays messages from screen one. This one text view will either display the string sent in the intent or, if the intent contained a Boolean value, it will display "Screen 1 poked you". (or a message of your choice).



Submission to Moodle

Beta Version

Post the following to the Beta + Code Review Forum:

1) For part 1: A document containing screen-shots of the app with each screen-shot labeled. (Please use .docx or .pdf format.)
2) For part 2: A zip file containing your app's Visual Studio solution folder. (Make your solution smaller by deleting the *obj* and *bin* folders.)
   Or, optionally, a link to a repository containing your solution source code. You can put the link on the same document with the report on your exercise from part 1.
3) A copy of your lab instructions (so the lab partner who reviews your work will know what your requirements were).

Production Version

1. Items 1 and 2 above, but revised as needed.
2. The code review of your work (the one done by your lab partner) with the second column ("Release") completed by you.