UOIT
CHALLENGE INNOVATE CONNECT

Faculty of Science

Course:	CSCI 4100U: Mobile Devices
Assignment:	#1
Topic:	Basic Android

Note: This assignment is meant to be completed individually, but you can work in teams of 2 if you choose. Just be cautious that both group members learn everything they need in order to complete the assignment. Be sure to indicate when submitting the assignment both team member names, if working as a team.

Introduction

In this lab, you will build a very simple survey application on the Android platform. For the purposes of this assignment, create the questions yourself. You should have 5 questions about any (appropriate) subject. The application should work correctly, however, regardless of the array elements or the size of the array.

Instructions

- Create an activity (MainMenu) that has a single button
- The MainMenu activity will access an array of yes/no questions
- The questions will be found in an array resource
- All other strings will be located in the strings file
- When this button is clicked, another activity (AskQuestion) will be displayed
- AskQuestion will ask one of the questions
- AskQuestion will provide two buttons, Yes and No
- When the question is answered, the activity will finish
- MainMenu will record the user's answer
- MainMenu will continue asking questions
- When all questions have been answered, another activity (Summary) will display the number of Yes and No answers

General Guidelines

In our lectures, we have discussed many best practices for developing mobile apps, as well as best practices for the Android platform. Part of your mark will be allocated based on how well you adhere to those best practices. Other best practices you should be following include proper variable/method naming, and reasonably documented code. This means you don't need to document every line of code, but some of the high-level functionality.

How to Submit

Create a ZIP file (e.g. Asmt1_RandyFortier.zip or Asmt1_RandyFortier_and_FredTeammate.zip) containing all of your source code, resources, etc. for the project. Upload this ZIP file to Blackboard using the drop box for this assignment. Do not use WinRAR or any other archive file format. If you do not have access to a free ZIP-compatible program, check out 7-zip.