**Lab: Multiple Activities**

**1. Tap the Square**

Complete the Tap the Square app from the videos. Ensure that the SquareActivity communicates with the MainActivity and the MainActivity displays the correct Toast.

**Paste some screenshots of your app running.**

**Push your app project code to GitHub and paste a link to your repository here**

**2. Survey App Enhancements: Results Activity**

Restructure the survey app that you built in the last lab.

Add a new Activity called SurveyResultActivity to display the results of the survey (how many Yes and No answers) in a new screen.

Remove the reset button from MainActivity.

Add a Result button to MainActivity. When this button is tapped, display the SurveyResultActivity, to display the results of the survey – how many yes and no answers.

When you press the back button from the SurveyResultActivity, do your counts reset to zero, or do they keep the same values? In your SurveyResultActivity, you should have two buttons.

* A **reset** button so the user can reset the counts to zero
* A **continue survey** button which returns the user to the survey and keeps the same totals.

**Comment your code!**

You should already have a GitHub repository for your code. Push the latest version to GitHub.

**Paste some screenshots of your app running.**

**Push your app project code to GitHub and paste a link to your repository here**

**3. GeoQuiz App, Cheat Activity**

Follow the steps in Chapter 6 and 7, which adds another Activity to the GeoQuiz app. In this chapter, you’ll add a new cheat Activity, start one Activity from another, and send data between Activities.

As you build this part of the app, **make sure you comment your code!**

As discussed in the videos, there’s an old way and a new way to start one activity from another. The textbook uses the old way and while the code will work, you’ll see deprecation warnings, for example,



***Optional Challenges***

* Try some of the questions from the Challenge section at the end of Chapter 6
* Rework GeoQuiz to use new way of getting results from Activities

You should already have a GitHub repository for your code. Push the latest version to GitHub.

Paste a screenshot of each Activity

Paste a link to your GitHub repository for this project.