Lab Assignment 2

Overview:
Create an application with multiple Activities. Use a Spinner widget to select a choice.

Assignment Requirements:

1. Create a new Android Application using the EMPTY Template. Select API 28 (Android 9.0) as the Minimum SDK. You **must** use a domain naming pattern of **ca.mohawk.yourname** when you create your project (last name is sufficient). You must also include the following statement of authorship in a comment at the top of your MainActivity java code:

   > **I, *John Doe*, *000123456* certify that this material is my original work. No other person's work has been used without due acknowledgement.** *(Replace with your own name and student number)*

2. The Application should be named "Lab2", however the displayed name ("**app_name**") should be changed to the following:

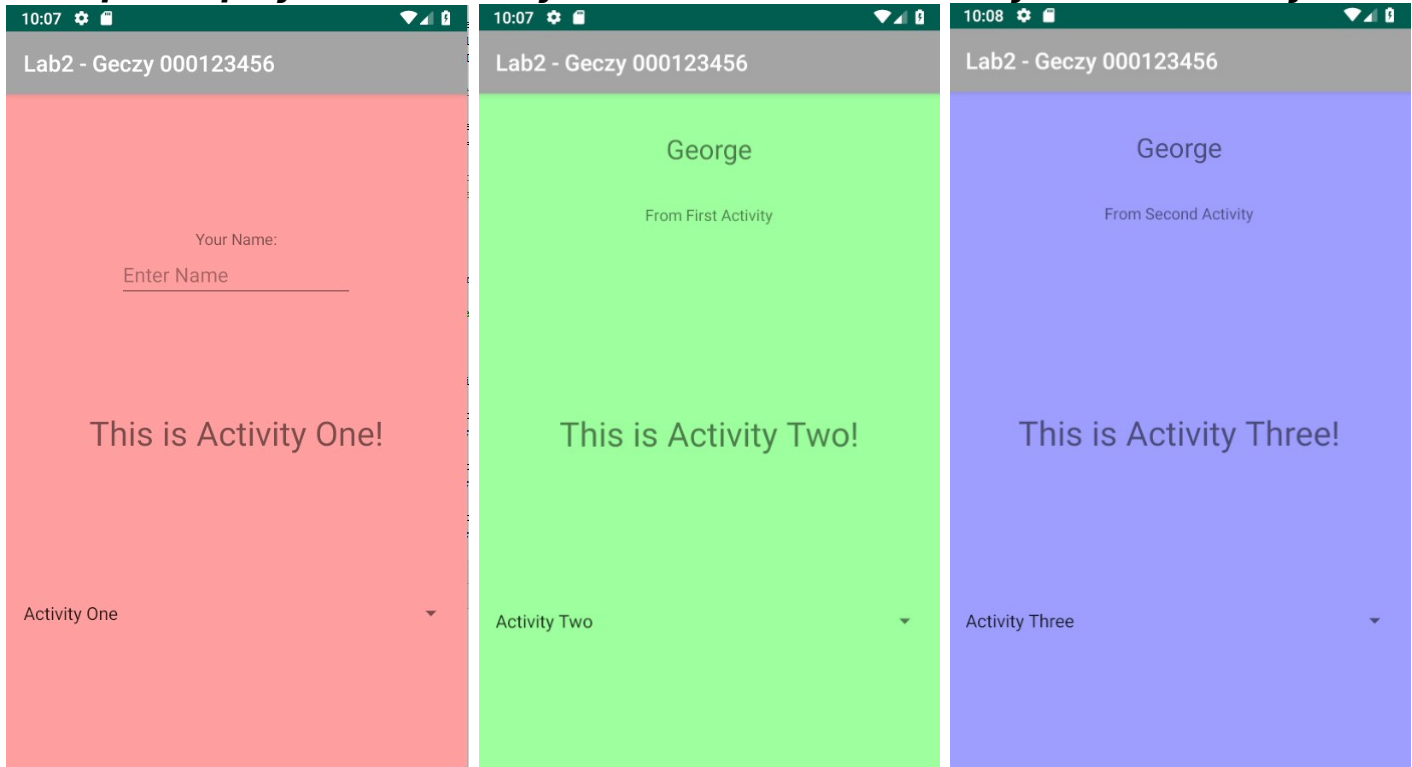   > Lab 2 - Your Name 000123456

3. Change the Primary Colour value for your app's theme to Grey #9F9F9F

4. Create two additional activities (for a total of three activities in your app).

5. For each Activity, create a Layout with the following elements:
   a. A unique background colour for each activity.
   b. A TextView that indicates which activity is being displayed (first/second/third).
   c. A Spinner with choices for Activity One, Two, or Three on the bottom.
   Make sure layout is clean with horizontal and vertical constraints. Test both Portrait & Landscape.

6. For the Main Activity:
   a. Add a EditText field to allow the user to enter his name.

7. For the Second and Third Activity:
   a. Add a TextView at the top that will display the user's name from the Intent Extra value.
   b. Add a TextView that will display the "from" text line passed in from the Intent Extra value.

8. When a choice is made on the Spinner:
   a. Create an Intent to start the corresponding Activity.
   b. Pass the User's name in an Intent Extra value.
   c. Pass the "from" text line to be displayed in an Intent Extra value. (for example, "From Activity 1")
   d. Start the new Activity.

9. Hints:
   a. For Theme colours, look in the "colors.xml" file in res/values/
   b. A "background" colour value for a light Red is "#FF9999"
   c. When initializing your Spinner in onCreate, use setSelection() to prevent a selection even during initialization. In the example below, x is the choice # being selected (starts from 0)

```
Spinner spinner = findViewById(R.id.spinner);
spinner.setSelection(x, false);
spinner.setOnItemSelectedListener(this);
```

Example display (Main Activity on Start / Second Activity / Third Activity):

Demonstration Video
Record a 25-45 second demonstration video. In your video:

- Discuss how you used the intent object to communicate between the activities.
- Demonstrate the use of your app. Show how your app behaves when rotated.
- You must use a microphone to record your answers along with desktop capture.
- Upload your video to a file sharing service like YouTube.
- Edit your video if it is too long. Keep it between 25secs and 45secs. See:
  - How to Edit Videos with YouTube. https://youtu.be/84uLZ2pPebI

Submission
- At the top of your MainActivity.java file Include a link to your demonstration video in a comment below your statement of authorship.
- Use Android Studio to Export your project, including the .java code, related .xml files, and all other project elements to a ZIP archive.
- Upload your .zip file to myCanvas by the deadline.