Welcome to Mobile Applications Development

Introduction

The purpose of this assignment is to get you started with Android applications development using Android Studio IDE and to explore the basics of constructing an application. A step-by-step procedure to complete the assignment is illustrated in Tutorial 1 in the textbook.

Problem Statement

Use Android Studio to develop an interactive greeting application named `Greetings`.

Problem Analysis

The user will be presented with a single button, "Greet." When the user clicks the button, the app will respond by displaying the "Hello" greeting in a text field. When the user clicks a second time, the app will respond with "Goodbye." Each subsequent click will toggle the displayed output between "Hello" and "Goodbye." All required resources to complete this app are provided on Blackboard.

Design Requirements

1. The color of the output text will be dark purple.
2. The background of the application will consist of a colorful drawing that is provided. You may be as creative as you want to be and use your own colorful drawing.
3. The image of a person speaking will appear in the center of the screen, for decoration. You may use the provided image or use one of your choice.
4. The button will contain an interesting background image. You may use the provided image or use one of your choice.

Program Input

The input to the app will be the user tapping the "Greet" button.

Program Output

The output consist of text that will toggle between "Hello" and "Goodbye".

Submission Instructions

When you are satisfied with your algorithm, and after testing it thoroughly, do the following:

1. Zip your entire project
2. Rename the .zip file for the project you have developed using the format **YourLastName-YourFirstName-Assignment-1.zip**
3. Submit file **YourLastName-YourFirstName-Assignment-1.zip** on Blackboard.

Important Remark: Submissions that do not follow this naming format will be rejected and the Late Policy will be applied if you re-submit the assignment past due date.