In the previous assignment, you created an Android app with 3 Activities. Having a single activity and constantly calling intents is not an optimal way to go.

For this assignment, you will create an app with a bottom nav bar with 3 tabs. On the main (home) tab, you will have a label ("Please Enter your name"), a text box, and a button. When you click the button, you will store the data as either a shared preference or in an sqlite3 database. Your second tab will have a label, a text box, a switch, and a button. In the label, present a welcome message using the name stored in the shared preference or database. The text box will accept a number. The switch will act as a choice (on or off).  The button will store the number and switch state in your database or shared preferences and pop up a message to go to tab 3 to view result. On tab 3, there will be a label. Convert the number to either Celsius (1.8 x number + 32) or Fahrenheit ( (number -32) / 1.8) based on the switch state and display the person's name, the value entered on the previous tab, and the converted value in the label.

Use the proper input types for the text boxes. Add a background tap to dismiss the keyboard for all Activities that utilize a EditText box.