Ex. No. : 01D **Date: 2/02/26**

Register No.: 231701025 **Name:Kamalesh R**

Temperature Convertor

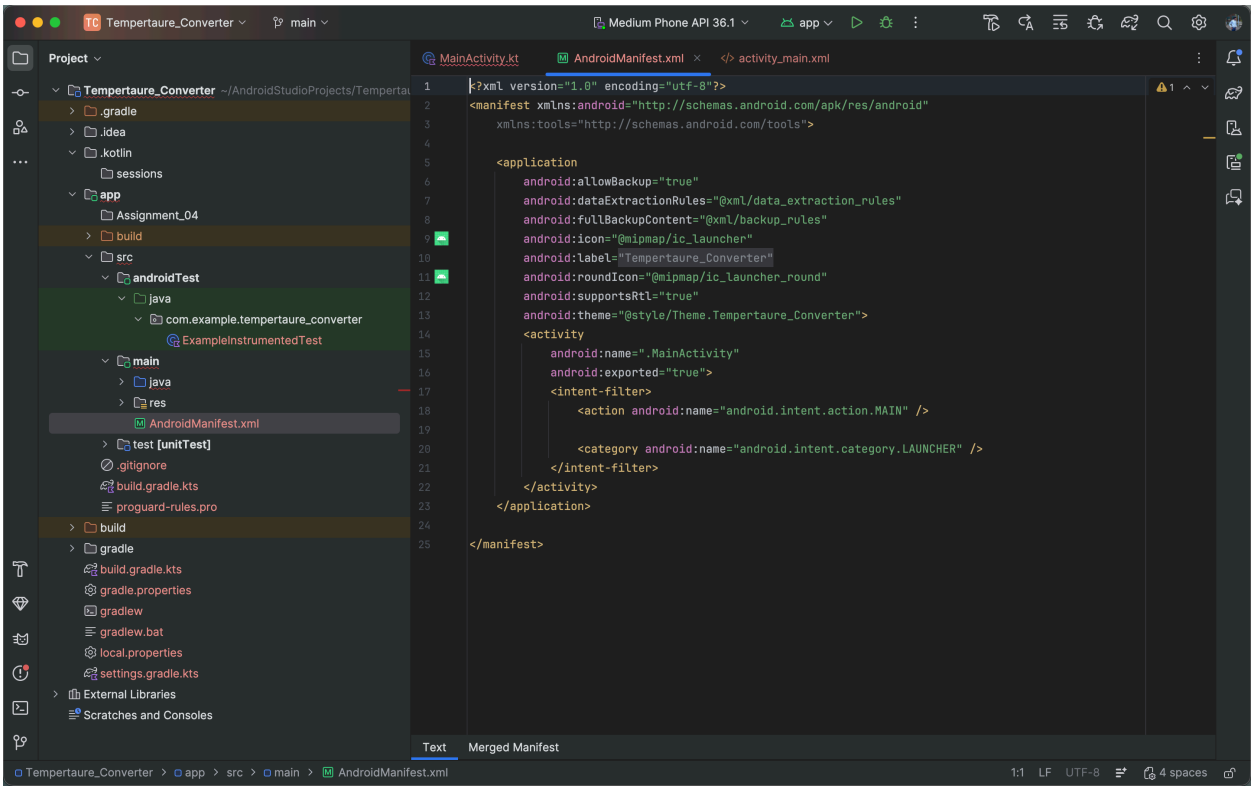
Aim

Create an app that converts temperatures between Celsius and Fahrenheit. Users can enter a temperature in an EditText, press a Button to perform the conversion, and see the result in a TextView.

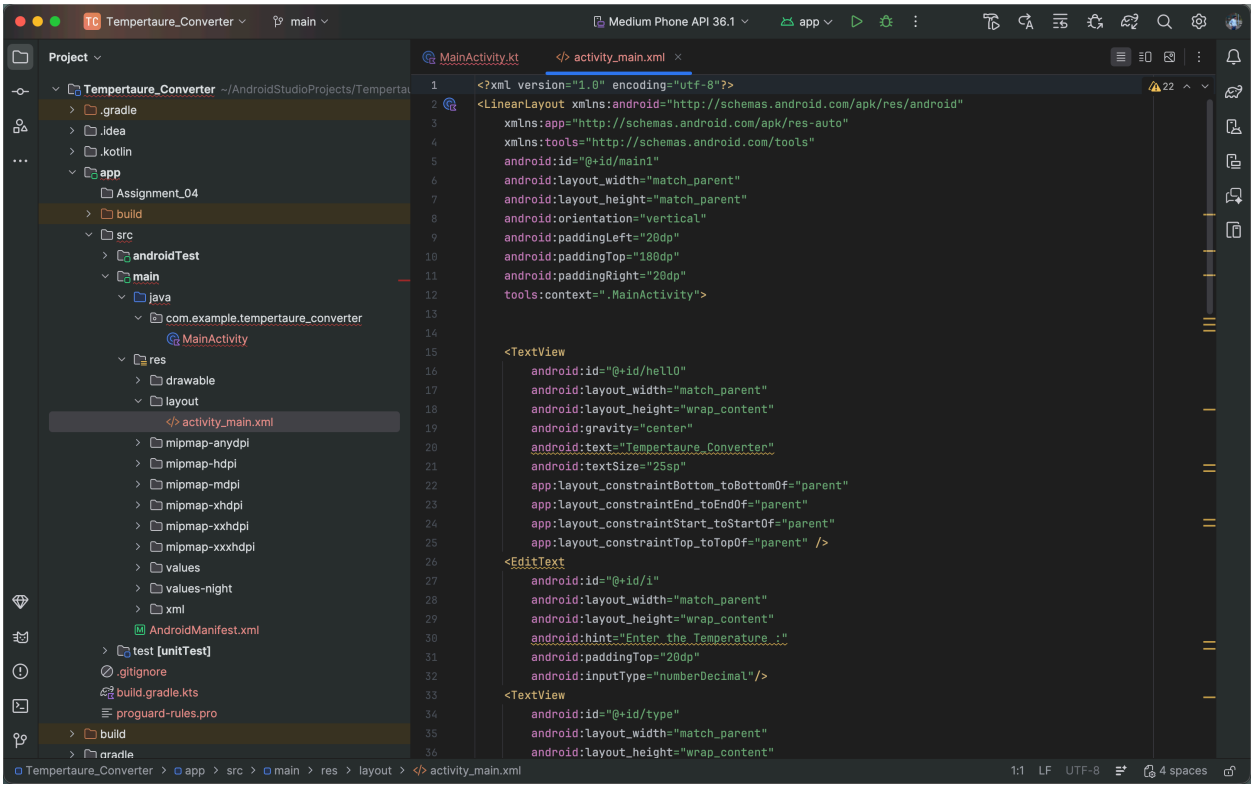
Procedure:

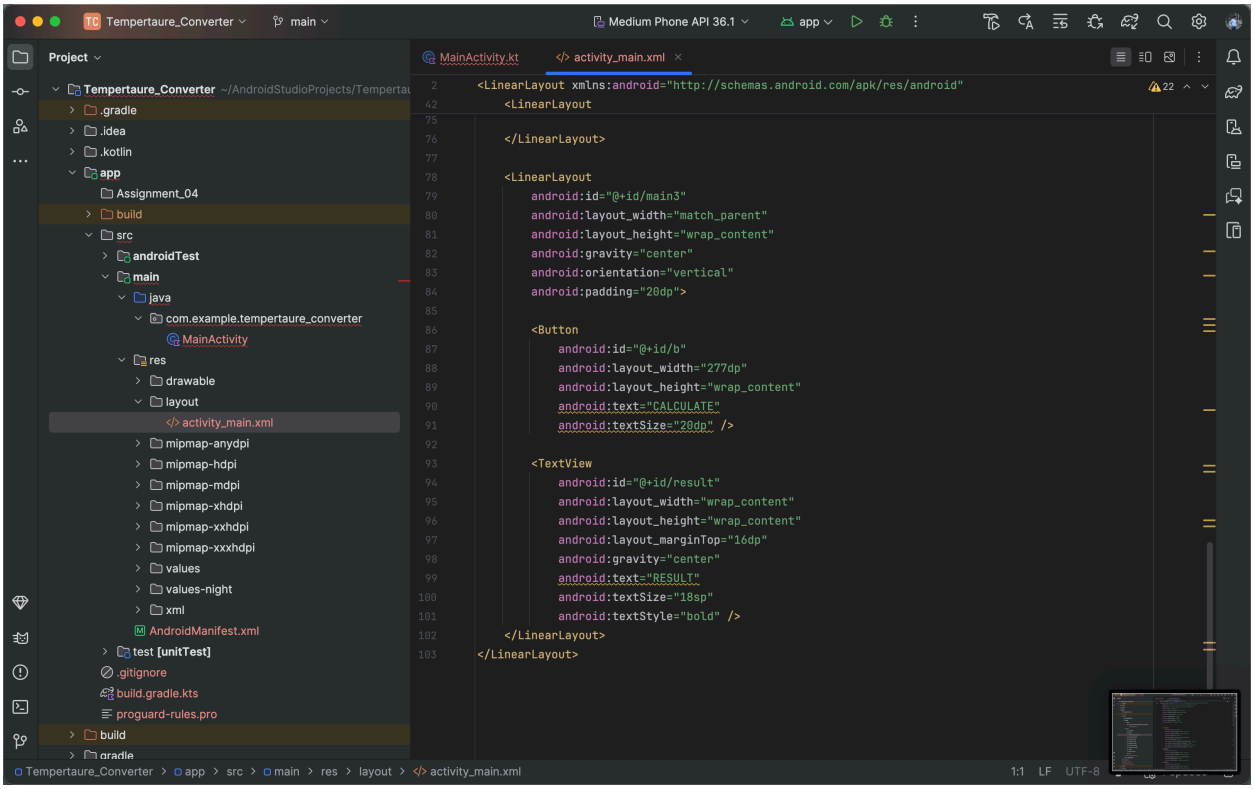
- Open **Android Studio** and create a new **Empty Activity** project.
- Design the UI with **EditText**, **Button**, and **TextView** in `activity_main.xml`.
- Take temperature input using **EditText**.
- Add a button to convert temperature.
- Write conversion logic in `MainActivity.java`.
- Display the converted value in **TextView**.
- Run the app and verify the output.

AndroidManifest.xml

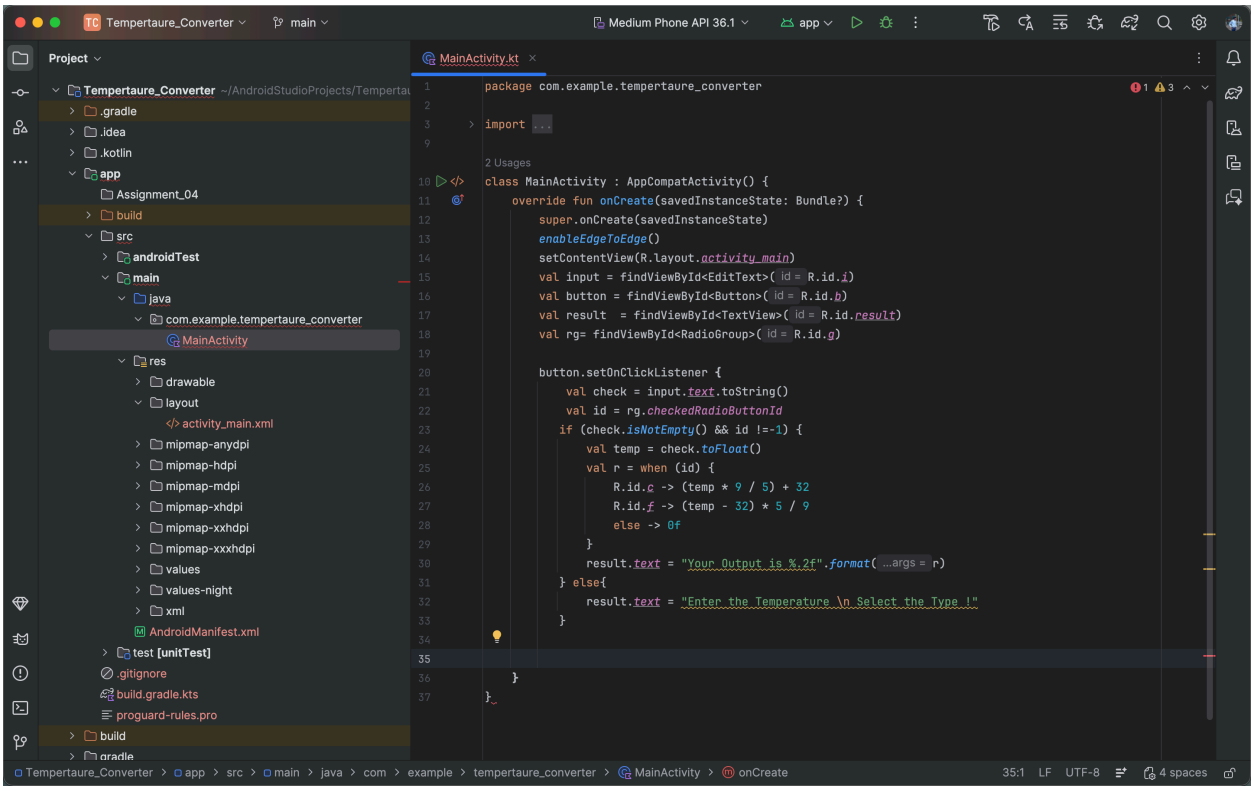


Activity_main.xml

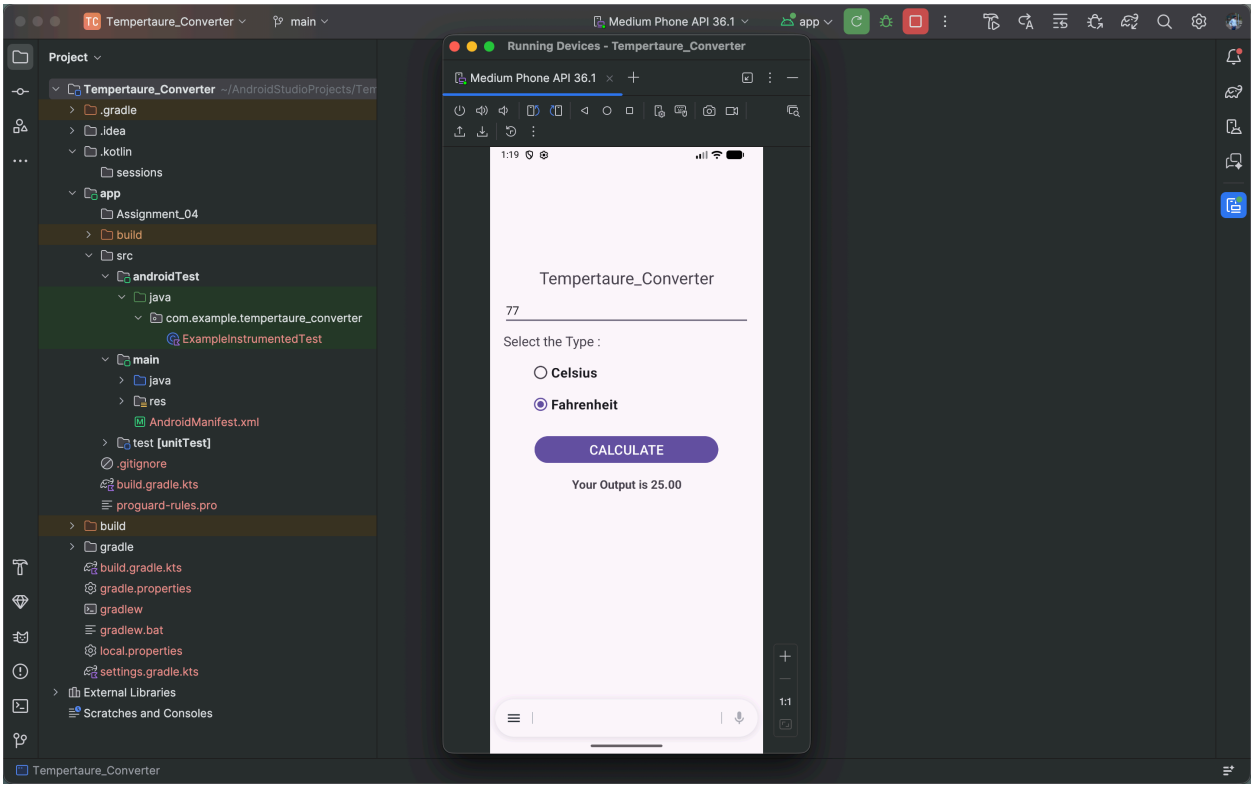


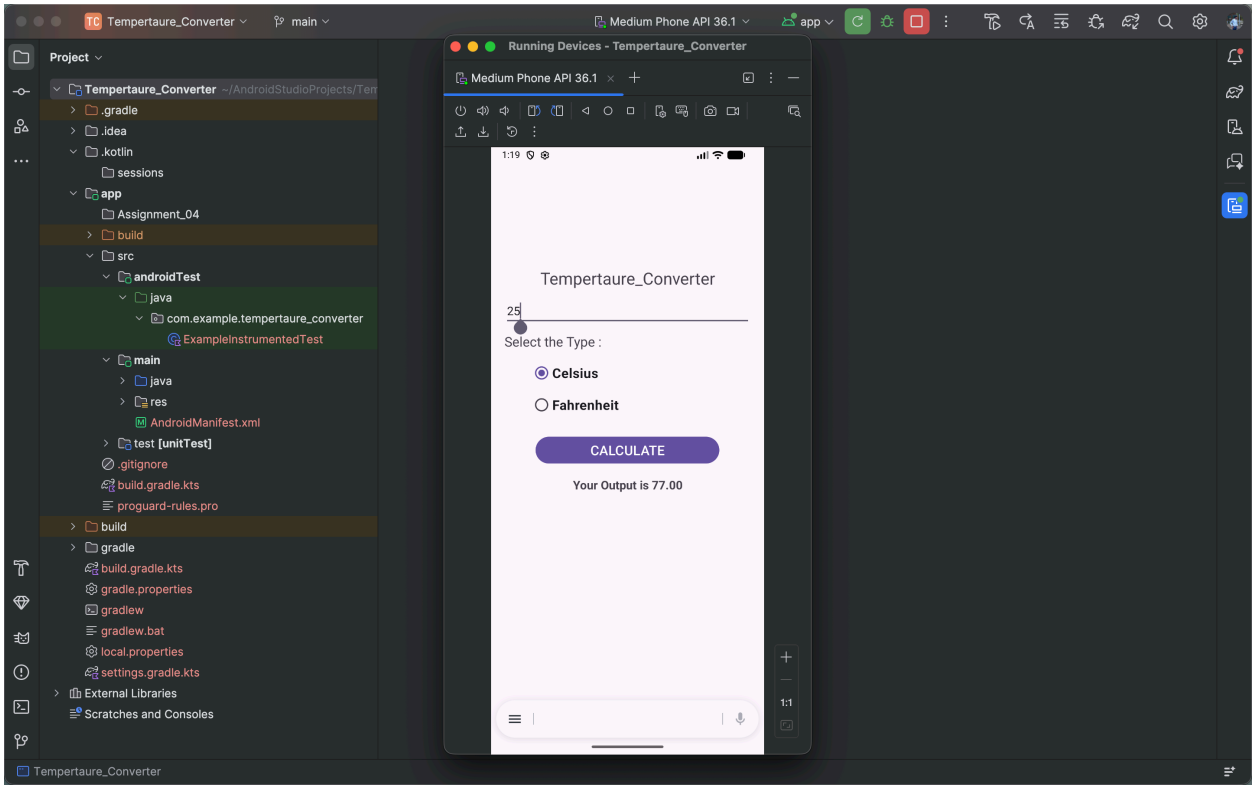


MainActivity.kt



Output


Tempertaure_Converter
Running Devices - Tempertaure_Converter
Medium Phone API 36.1
Tempertaure_Converter
77
Select the Type :
Celsius
Fahrenheit
CALCULATE
Your Output is 25.00


Tempertaure_Converter
Running Devices - Tempertaure_Converter
Medium Phone API 36.1
Tempertaure_Converter
25
Select the Type :
Celsius
Fahrenheit
CALCULATE
Your Output is 77.00

Result: Successfully done