RADIOBUTTON

XML

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="16dp"  
 tools:context=".MainActivity">  
  
 <ScrollView  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:fillViewport="true"  
 tools:ignore="UselessParent">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="vertical">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="IPRC-HUYE Survey"  
 android:textSize="24sp"  
 android:layout\_gravity="center"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="HardcodedText" />  
  
 <EditText  
 android:id="@+id/editTextName"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Name"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="Autofill,HardcodedText,TextFields" />  
  
 <EditText  
 android:id="@+id/editTextAge"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="number"  
 android:hint="Age"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="Autofill,HardcodedText" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Gender"  
 android:textSize="18sp"  
 android:layout\_marginBottom="8dp"  
 tools:ignore="HardcodedText" />  
  
 <RadioGroup  
 android:id="@+id/radioGroupGender"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_marginBottom="16dp">  
  
 <RadioButton  
 android:id="@+id/radioButtonMale"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Male"  
 tools:ignore="HardcodedText" />  
  
 <RadioButton  
 android:id="@+id/radioButtonFemale"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Female"  
 tools:ignore="HardcodedText" />  
 </RadioGroup>  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Do you like mobile development?"  
 android:textSize="18sp"  
 android:layout\_marginBottom="8dp"  
 tools:ignore="HardcodedText" />  
  
 <RadioGroup  
 android:id="@+id/radioGroupMobileDev"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_marginBottom="16dp">  
  
 <RadioButton  
 android:id="@+id/radioButtonYes"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Yes"  
 tools:ignore="HardcodedText" />  
  
 <RadioButton  
 android:id="@+id/radioButtonNo"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="No"  
 tools:ignore="HardcodedText" />  
 </RadioGroup>  
  
 <!-- Adding more questions and input fields to ensure scrolling -->  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="What is your favorite programming language?"  
 android:textSize="18sp"  
 android:layout\_marginBottom="8dp"  
 tools:ignore="HardcodedText" />  
  
 <EditText  
 android:id="@+id/editTextFavoriteLanguage"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Favorite Programming Language"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="Autofill,HardcodedText,TextFields" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="How many hours do you code per day?"  
 android:textSize="18sp"  
 android:layout\_marginBottom="8dp"  
 tools:ignore="HardcodedText" />  
  
 <EditText  
 android:id="@+id/editTextCodingHours"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:inputType="number"  
 android:hint="Coding Hours"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="Autofill,HardcodedText" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="How did you learn programming?"  
 android:textSize="18sp"  
 android:layout\_marginBottom="8dp"  
 tools:ignore="HardcodedText" />  
  
 <EditText  
 android:id="@+id/editTextLearningSource"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Source of Learning"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="Autofill,HardcodedText,TextFields" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="What projects have you worked on?"  
 android:textSize="18sp"  
 android:layout\_marginBottom="8dp"  
 tools:ignore="HardcodedText" />  
  
 <EditText  
 android:id="@+id/editTextProjects"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Your Projects"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="Autofill,HardcodedText,TextFields" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Any additional comments?"  
 android:textSize="18sp"  
 android:layout\_marginBottom="8dp"  
 tools:ignore="HardcodedText" />  
  
 <EditText  
 android:id="@+id/editTextComments"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="Your Comments"  
 android:layout\_marginBottom="16dp"  
 tools:ignore="Autofill,HardcodedText,TextFields" />  
  
 <Button  
 android:id="@+id/buttonSubmit"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Submit"  
 android:layout\_gravity="center"  
 android:layout\_marginTop="16dp"  
 tools:ignore="HardcodedText" />  
  
 </LinearLayout>  
 </ScrollView>  
</RelativeLayout>

JAVACO

package com.example.radiobutton;  
  
import android.os.Bundle;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.Toast;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class MainActivity extends AppCompatActivity {  
  
 private EditText editTextName, editTextAge, editTextFavoriteLanguage, editTextCodingHours, editTextLearningSource, editTextProjects, editTextComments;  
 private RadioGroup radioGroupGender, radioGroupMobileDev;  
 public Button buttonSubmit;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 editTextName = findViewById(R.id.*editTextName*);  
 editTextAge = findViewById(R.id.*editTextAge*);  
 editTextFavoriteLanguage = findViewById(R.id.*editTextFavoriteLanguage*);  
 editTextCodingHours = findViewById(R.id.*editTextCodingHours*);  
 editTextLearningSource = findViewById(R.id.*editTextLearningSource*);  
 editTextProjects = findViewById(R.id.*editTextProjects*);  
 editTextComments = findViewById(R.id.*editTextComments*);  
  
 radioGroupGender = findViewById(R.id.*radioGroupGender*);  
 radioGroupMobileDev = findViewById(R.id.*radioGroupMobileDev*);  
 buttonSubmit = findViewById(R.id.*buttonSubmit*);  
  
 buttonSubmit.setOnClickListener(view -> submitForm());  
 }  
  
 private void submitForm() {  
 String name = editTextName.getText().toString().trim();  
 String age = editTextAge.getText().toString().trim();  
 String favoriteLanguage = editTextFavoriteLanguage.getText().toString().trim();  
 String codingHours = editTextCodingHours.getText().toString().trim();  
 String learningSource = editTextLearningSource.getText().toString().trim();  
 String projects = editTextProjects.getText().toString().trim();  
 String comments = editTextComments.getText().toString().trim();  
  
 int selectedGenderId = radioGroupGender.getCheckedRadioButtonId();  
 RadioButton selectedGenderButton = findViewById(selectedGenderId);  
 String gender = selectedGenderButton != null ? selectedGenderButton.getText().toString() : "";  
  
 int selectedMobileDevId = radioGroupMobileDev.getCheckedRadioButtonId();  
 RadioButton selectedMobileDevButton = findViewById(selectedMobileDevId);  
 String likesMobileDev = selectedMobileDevButton != null ? selectedMobileDevButton.getText().toString() : "";  
  
 if (name.isEmpty() || age.isEmpty() || gender.isEmpty() || likesMobileDev.isEmpty() ||  
 favoriteLanguage.isEmpty() || codingHours.isEmpty() || learningSource.isEmpty() || projects.isEmpty() || comments.isEmpty()) {  
 Toast.*makeText*(this, "Please fill out all fields", Toast.*LENGTH\_SHORT*).show();  
 return;  
 }  
  
 String message = "Name: " + name + "\nAge: " + age + "\nGender: " + gender + "\nLikes Mobile Dev: " + likesMobileDev +  
 "\nFavorite Language: " + favoriteLanguage + "\nCoding Hours: " + codingHours +  
 "\nLearning Source: " + learningSource + "\nProjects: " + projects + "\nComments: " + comments;  
 Toast.*makeText*(this, message, Toast.*LENGTH\_LONG*).show();  
 }  
}