**Practical – 11 : Make Android App for registration form.**

**Activity\_main.xml**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <EditText  
 android:id="@+id/editTextTextPersonName"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="78dp"  
 android:layout\_marginBottom="20dp"  
 android:ems="10"  
 android:hint="Your Full Name"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toTopOf="@+id/spinner"  
 app:layout\_constraintStart\_toStartOf="@+id/spinner"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <EditText  
 android:id="@+id/editTextTextPersonName2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="22dp"  
 android:ems="10"  
 android:hint="Username"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toTopOf="@+id/editTextTextPassword"  
 app:layout\_constraintStart\_toStartOf="@+id/spinner"  
 app:layout\_constraintTop\_toBottomOf="@+id/spinner" />  
  
 <EditText  
 android:id="@+id/editTextTextPassword"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="42dp"  
 android:ems="10"  
 android:hint="Password"  
 android:inputType="textPassword"  
 app:layout\_constraintBottom\_toTopOf="@+id/editTextPhone"  
 app:layout\_constraintStart\_toStartOf="@+id/editTextTextPersonName2"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextTextPersonName2" />  
  
 <EditText  
 android:id="@+id/editTextPhone"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="44dp"  
 android:ems="10"  
 android:hint="Mobile No."  
 android:inputType="phone"  
 app:layout\_constraintBottom\_toTopOf="@+id/editTextTextEmailAddress"  
 app:layout\_constraintStart\_toStartOf="@+id/editTextTextPassword"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextTextPassword" />  
  
 <EditText  
 android:id="@+id/editTextTextEmailAddress"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginStart="4dp"  
 android:layout\_marginBottom="45dp"  
 android:ems="10"  
 android:hint="Email"  
 android:inputType="textEmailAddress"  
 app:layout\_constraintBottom\_toTopOf="@+id/checkBox"  
 app:layout\_constraintStart\_toStartOf="@+id/editTextPhone"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextPhone" />  
  
 <CheckBox  
 android:id="@+id/checkBox"  
 android:layout\_width="273dp"  
 android:layout\_height="31dp"  
 android:layout\_marginBottom="67dp"  
 android:text="I accept terms and conditions"  
 app:layout\_constraintBottom\_toTopOf="@+id/button"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.746"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextTextEmailAddress" />  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="35dp"  
 android:text="Register"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/checkBox" />  
  
 <Spinner  
 android:id="@+id/spinner"  
 android:layout\_width="214dp"  
 android:layout\_height="0dp"  
 android:layout\_marginBottom="19dp"  
 app:layout\_constraintBottom\_toTopOf="@+id/editTextTextPersonName2"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/editTextTextPersonName" />  
</androidx.constraintlayout.widget.ConstraintLayout>

**MainActivity.java**

package com.example.registration;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.ArrayAdapter;  
import android.widget.Spinner;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 String[] arraySpinner = new String[] {  
 "Male","Female"  
 };  
 Spinner s = (Spinner) findViewById(R.id.*spinner*);  
 ArrayAdapter<String> adapter = new ArrayAdapter<String>(this,  
 android.R.layout.*simple\_spinner\_item*, arraySpinner);  
 adapter.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 s.setAdapter(adapter);  
 }  
}

**Output:**

