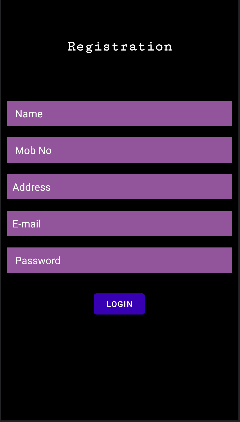
1. Develop an application for a simple registration page using .xml file.
2. <?xml version="1.0" encoding="utf-8"?>  
   <RelativeLayout  
    xmlns:android="http://schemas.android.com/apk/res/android"  
    xmlns:app="http://schemas.android.com/apk/res-auto"  
    xmlns:tools="http://schemas.android.com/tools"  
    android:layout\_width="match\_parent"  
    android:layout\_height="match\_parent"  
    android:background="@color/black"  
    tools:context=".MainActivity">  
     
    <TextView  
    android:id="@+id/signin"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_marginStart="70dp"  
    android:layout\_marginTop="70dp"  
    android:layout\_marginEnd="70dp"  
    android:layout\_marginBottom="70dp"  
    android:fontFamily="serif-monospace"  
    android:gravity="center"  
    android:text="Registration"  
    android:textColor="@color/white"  
    android:textSize="25dp"  
    android:textStyle="bold" />  
     
    <EditText  
    android:id="@+id/username"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_below="@id/signin"  
    android:layout\_marginStart="10dp"  
    android:layout\_marginTop="10dp"  
    android:layout\_marginEnd="10dp"  
    android:layout\_marginBottom="10dp"  
    android:background="#92559C"  
    android:drawablePadding="20dp"  
    android:hint=" Name"  
    android:padding="10dp"  
    android:textColor="@color/teal\_200"  
    android:textColorHint="@color/white" />  
     
    <EditText  
    android:id="@+id/et2"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_below="@id/username"  
    android:layout\_marginStart="10dp"  
    android:layout\_marginTop="10dp"  
    android:layout\_marginEnd="10dp"  
    android:layout\_marginBottom="10dp"  
    android:background="#92559C"  
    android:drawablePadding="20dp"  
    android:hint=" Mob No"  
    android:padding="10dp"  
    android:textColor="@color/teal\_200"  
    android:textColorHint="@color/white" />  
     
    <EditText  
    android:id="@+id/et3"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_below="@id/et2"  
    android:layout\_marginStart="10dp"  
    android:layout\_marginTop="10dp"  
    android:layout\_marginEnd="10dp"  
    android:layout\_marginBottom="10dp"  
    android:background="#92559C"  
    android:drawablePadding="20dp"  
    android:hint="Address"  
    android:padding="10dp"  
    android:textColor="@color/teal\_200"  
    android:textColorHint="@color/white" />  
     
    <EditText  
    android:id="@+id/et4"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_below="@id/et3"  
    android:layout\_marginStart="10dp"  
    android:layout\_marginTop="10dp"  
    android:layout\_marginEnd="10dp"  
    android:layout\_marginBottom="10dp"  
    android:background="#92559C"  
    android:drawablePadding="20dp"  
    android:hint="E-mail"  
    android:padding="10dp"  
    android:textColor="@color/teal\_200"  
    android:textColorHint="@color/white" />  
     
    <EditText  
    android:id="@+id/et5"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_below="@id/et4"  
    android:layout\_marginStart="10dp"  
    android:layout\_marginTop="10dp"  
    android:layout\_marginEnd="10dp"  
    android:layout\_marginBottom="10dp"  
    android:background="#92559C"  
    android:drawablePadding="20dp"  
    android:hint=" Password"  
    android:padding="10dp"  
    android:textColor="#FF0000"  
    android:textColorHint="@color/white" />  
     
    <Button  
    android:layout\_width="wrap\_content"  
    android:layout\_height="wrap\_content"  
    android:id="@+id/submit"  
    android:layout\_below="@+id/et5"  
    android:text="LOGIN"  
    android:backgroundTint="@color/purple\_700"  
    android:layout\_centerHorizontal="true"  
    android:layout\_margin="20dp"/>  
     
   </RelativeLayout>

**OUTPUT:**

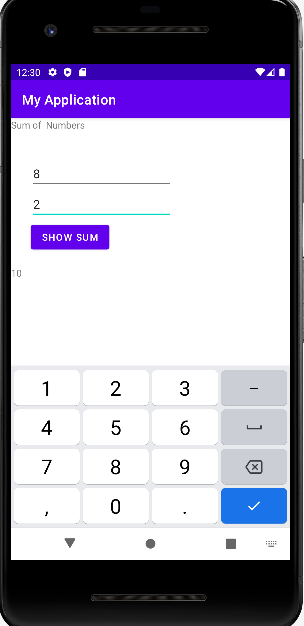
****

1. Sum of two numbers

Activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<RelativeLayout  
 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">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Sum of Numbers"  
 android:gravity="center"  
 android:id="@+id/textView" />  
  
 <EditText  
 android:id="@+id/num1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/textView"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginStart="29dp"  
 android:layout\_marginTop="40dp"  
 android:ems="10"  
 android:hint="Enter First Number"  
 android:inputType="number" />  
  
 <Button  
 android:id="@+id/btn1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/num1"  
 android:layout\_alignStart="@+id/num1"  
 android:layout\_marginTop="47dp"  
 android:text="Show Sum" />  
  
 <EditText  
 android:id="@+id/num2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_below="@+id/num1"  
 android:layout\_alignStart="@+id/num1"  
 android:ems="10"  
 android:hint="Enter Second Number"  
 android:inputType="number" />  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/showsum"  
 android:text="Answer"  
 android:layout\_below="@+id/btn1"  
 android:layout\_marginTop="19dp" />  
  
  
  
</RelativeLayout>

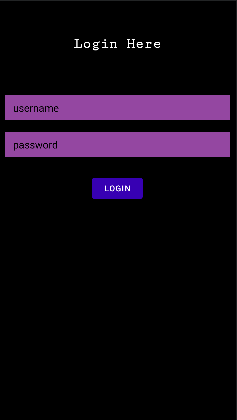
package com.example.myapplication;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 EditText num1;  
 EditText num2;  
 TextView answer;  
 Button btn;  
 double num3,num4,sum;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 num1=(EditText)findViewById(R.id.*num1*);  
 num2=(EditText) findViewById(R.id.*num2*);  
 answer=(TextView) findViewById(R.id.*showsum*);  
 btn=(Button) findViewById(R.id.*btn1*);  
 btn.setOnClickListener(new View.OnClickListener(){  
 @Override  
 public void onClick(View view) {  
 String value1 = num1.getText().toString();  
 String value2 = num2.getText().toString();  
 int a = Integer.*parseInt*(value1);  
 int b = Integer.*parseInt*(value2);  
 int sum = a + b;  
 answer.setText(Integer.*toString*(sum));  
 Toast.*makeText*(getApplicationContext(),  
 String.*valueOf*(sum), Toast.*LENGTH\_LONG*).show();  
 }  
 });  
  
 }  
}



4. Design an application for the login page using .xml file.

1. <?xml version="1.0" encoding="utf-8"?>  
   <RelativeLayout  
    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"  
    android:background="@color/black"  
    tools:context=".MainActivity">  
     
    <TextView  
    android:id="@+id/signin"  
    android:layout\_width="285dp"  
    android:layout\_height="wrap\_content"  
    android:layout\_marginStart="70dp"  
    android:layout\_marginTop="60dp"  
    android:layout\_marginEnd="70dp"  
    android:layout\_marginBottom="70dp"  
    android:fontFamily="serif-monospace"  
    android:gravity="center"  
    android:text="Login Here"  
    android:textColor="@color/white"  
    android:textSize="25dp"  
    android:textStyle="bold" />  
     
    <EditText  
    android:id="@+id/username"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_below="@id/signin"  
    android:layout\_marginStart="10dp"  
    android:layout\_marginTop="5dp"  
    android:layout\_marginEnd="10dp"  
    android:layout\_marginBottom="10dp"  
    android:background="#9447A1"  
    android:drawablePadding="20dp"  
    android:hint=" username"  
    android:padding="10dp"  
    android:textColor="@color/white"  
    android:textColorHint="@color/black" />  
     
    <EditText  
    android:id="@+id/et2"  
    android:layout\_width="match\_parent"  
    android:layout\_height="wrap\_content"  
    android:layout\_below="@id/username"  
    android:layout\_marginStart="10dp"  
    android:layout\_marginTop="10dp"  
    android:layout\_marginEnd="10dp"  
    android:layout\_marginBottom="10dp"  
    android:background="#9447A1"  
    android:drawablePadding="20dp"  
    android:hint=" password"  
    android:padding="10dp"  
    android:textColor="@color/teal\_200"  
    android:textColorHint="@color/black" />  
    <Button  
    android:layout\_width="wrap\_content"  
    android:layout\_height="wrap\_content"  
    android:id="@+id/submit"  
    android:layout\_below="@+id/et2"  
    android:text="LOGIN"  
    android:backgroundTint="@color/purple\_700"  
    android:layout\_centerHorizontal="true"  
    android:layout\_margin="20dp"/>  
     
     
     
   </RelativeLayout>

**OUTPUT:**

****

5. Develop your Profile page using .xml file.

<?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"  
 android:background="#FFFFFF"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="242dp"  
 android:layout\_height="58dp"  
 android:gravity="center"  
 android:text="ATHUL VINAYAKUMAR"  
 android:textSize="20sp"  
 tools:layout\_editor\_absoluteX="163dp"  
 tools:layout\_editor\_absoluteY="96dp" />  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="164dp"  
 android:layout\_height="23dp"  
 android:gravity="center"  
 android:text="athulvk@gmail.com"  
 tools:layout\_editor\_absoluteX="131dp"  
 tools:layout\_editor\_absoluteY="252dp" />  
  
 <TextView  
 android:id="@+id/textView4"  
 android:layout\_width="164dp"  
 android:layout\_height="23dp"  
 android:gravity="center"  
 android:text="18-08-2000"  
 tools:layout\_editor\_absoluteX="131dp"  
 tools:layout\_editor\_absoluteY="289dp" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="164dp"  
 android:layout\_height="23dp"  
 android:gravity="center"  
 android:text="male"  
 tools:layout\_editor\_absoluteX="131dp"  
 tools:layout\_editor\_absoluteY="331dp" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="164dp"  
 android:layout\_height="23dp"  
 android:gravity="center"  
 android:text="9775765527"  
 tools:layout\_editor\_absoluteX="138dp"  
 tools:layout\_editor\_absoluteY="377dp" />  
  
 <TextView  
 android:id="@+id/textView5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Email :"  
 tools:layout\_editor\_absoluteX="39dp"  
 tools:layout\_editor\_absoluteY="252dp" />  
  
 <TextView  
 android:id="@+id/textView6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="DOB :"  
 tools:layout\_editor\_absoluteX="39dp"  
 tools:layout\_editor\_absoluteY="289dp" />  
  
 <TextView  
 android:id="@+id/textView7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Gender :"  
 tools:layout\_editor\_absoluteX="29dp"  
 tools:layout\_editor\_absoluteY="335dp" />  
  
 <TextView  
 android:id="@+id/textView8"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Phone Number :"  
 tools:layout\_editor\_absoluteX="16dp"  
 tools:layout\_editor\_absoluteY="381dp" />  
  
 <TextView  
 android:id="@+id/textView9"  
 android:layout\_width="415dp"  
 android:layout\_height="58dp"  
 android:background="#5762A1"  
 android:gravity="center"  
 android:text="MY PROFILE"  
 android:textSize="34sp"  
 tools:layout\_editor\_absoluteX="-2dp"  
 tools:layout\_editor\_absoluteY="-4dp" />  
  
 <ImageView  
 android:id="@+id/imageView2"  
 android:layout\_width="109dp"  
 android:layout\_height="132dp"  
 android:src="@drawable/\_23"  
 tools:layout\_editor\_absoluteX="29dp"  
 tools:layout\_editor\_absoluteY="72dp" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**OUTPUT:**

****