**PROGRAM NO : 1**

**DATE :30/08/22**

**LOGIN FORM**

**AIM**

Design a Login Form with username and password using LinearLayout and toast valid credentials

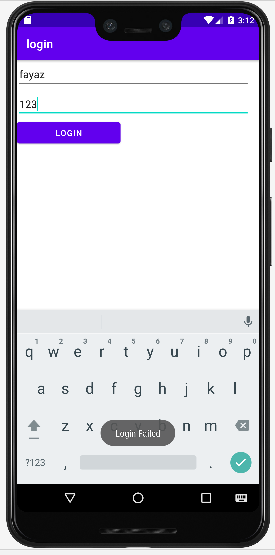
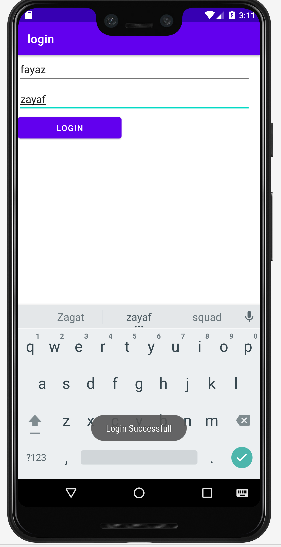
**XML CODE**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout  
 xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 xmlns:app="http://schemas.android.com/apk/res-auto"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
 <LinearLayout  
 android:layout\_width="396dp"  
 android:layout\_height="153dp"  
 android:orientation="vertical"  
 tools:layout\_editor\_absoluteX="10dp"  
 tools:layout\_editor\_absoluteY="217dp"  
 tools:ignore="MissingConstraints">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="52dp"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/name"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:hint="USER NAME"  
 android:inputType="textPersonName"  
 android:minHeight="48dp" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="47dp"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/pass"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:hint="PASSWORD"  
 android:inputType="textPersonName"  
 android:text=""  
 tools:ignore="TouchTargetSizeCheck" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/log"  
 android:layout\_width="176dp"  
 android:layout\_height="match\_parent"  
 android:onClick="login"  
 android:text="Login" />  
 </LinearLayout>  
  
 </LinearLayout>  
</androidx.constraintlayout.widget.ConstraintLayout>

**JAVA CODE**

package com.example.login;  
  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
public class MainActivity extends AppCompatActivity {  
 EditText ed1,ed2;  
 Button b1;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 ed1=findViewById(R.id.*name*);  
 ed2=findViewById(R.id.*pass*);  
 b1=findViewById(R.id.*log*);  
 }  
 public void login(View view) {  
 String user = e1.getText().toString();  
 String pass = e2.getText().toString();  
  
 if (user.equals("fayaz") &&pass.equals("zayaf")) {  
 Toast.*makeText*(this, "Login Successfull", Toast.*LENGTH\_SHORT*).show();  
 } else {  
 Toast.*makeText*(this, "Login Failed", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
}

**Output**



**PROGRAM NO :2**

**DATE :03/09/22**

**ACTIVITY LIFECYCLE**

**AIM**

Write a program that demonstrates Activity Lifecycle

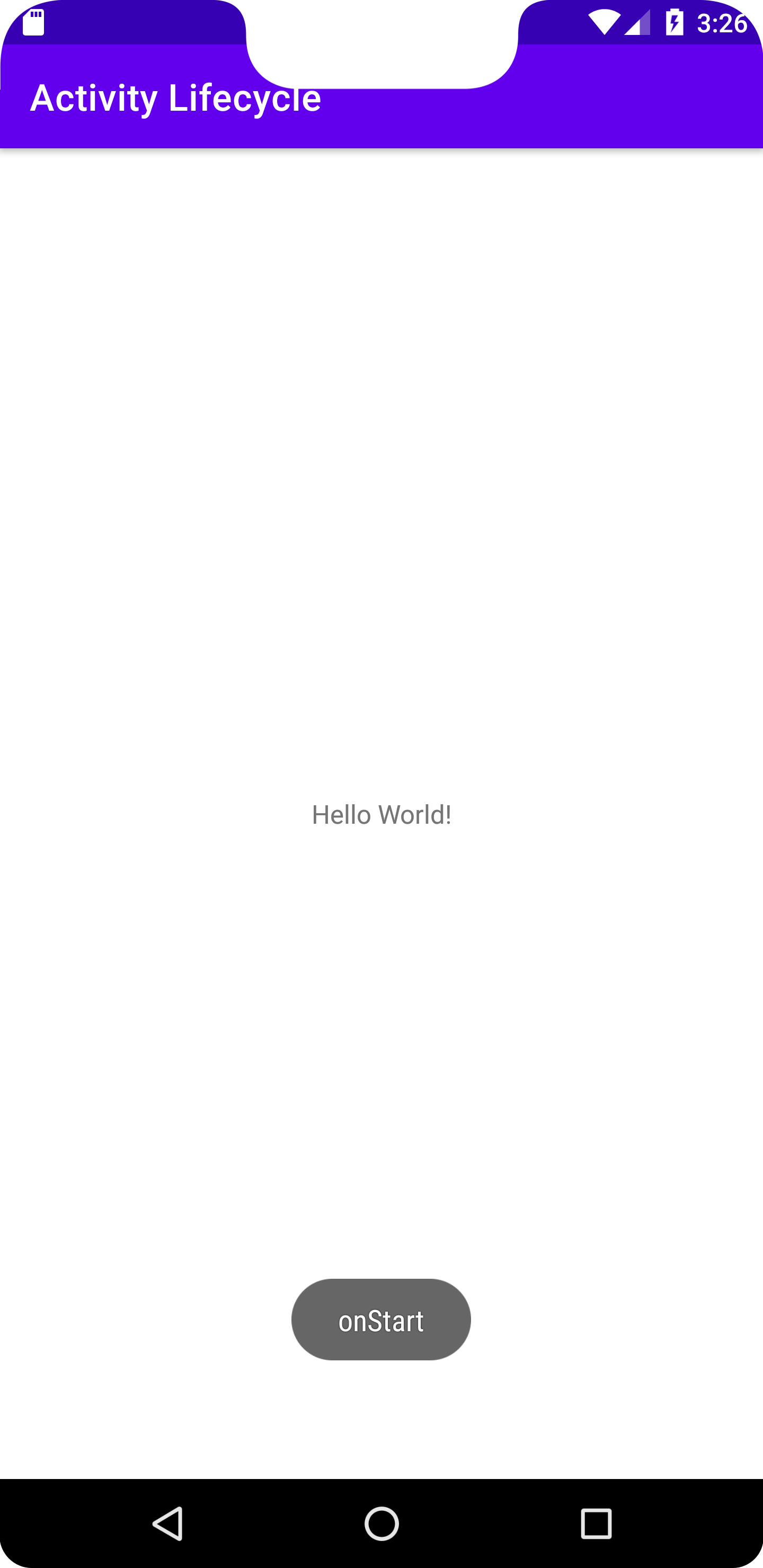
**XML CODE**

*<?*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">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Hello World!"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**JAVA CODE**

package com.example.activitylifecycle;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 Toast.*makeText*(this, "onCreate", Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onStart(){  
 super.onStart();  
 Toast.*makeText*(this, "onStart", Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onResume(){  
 super.onResume();  
 Toast.*makeText*(this, "onResume", Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onRestart(){  
 super.onRestart();  
 Toast.*makeText*(this, "onRestart", Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onPause(){  
 super.onPause();  
 Toast.*makeText*(this, "onPause", Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onStop(){  
 super.onStop();  
 Toast.*makeText*(this, "onStop", Toast.*LENGTH\_SHORT*).show();  
 }  
 @Override  
 protected void onDestroy(){  
 super.onDestroy();  
 Toast.*makeText*(this, "onDestroy", Toast.*LENGTH\_SHORT*).show();  
 }  
}

**OUTPUT**



**PROGRAM NO :3**

**DATE :10/09/22**

**SIMPLE CALCULATOR**

**AIM**

Implementing basic arithmetic operations of a simple calculator

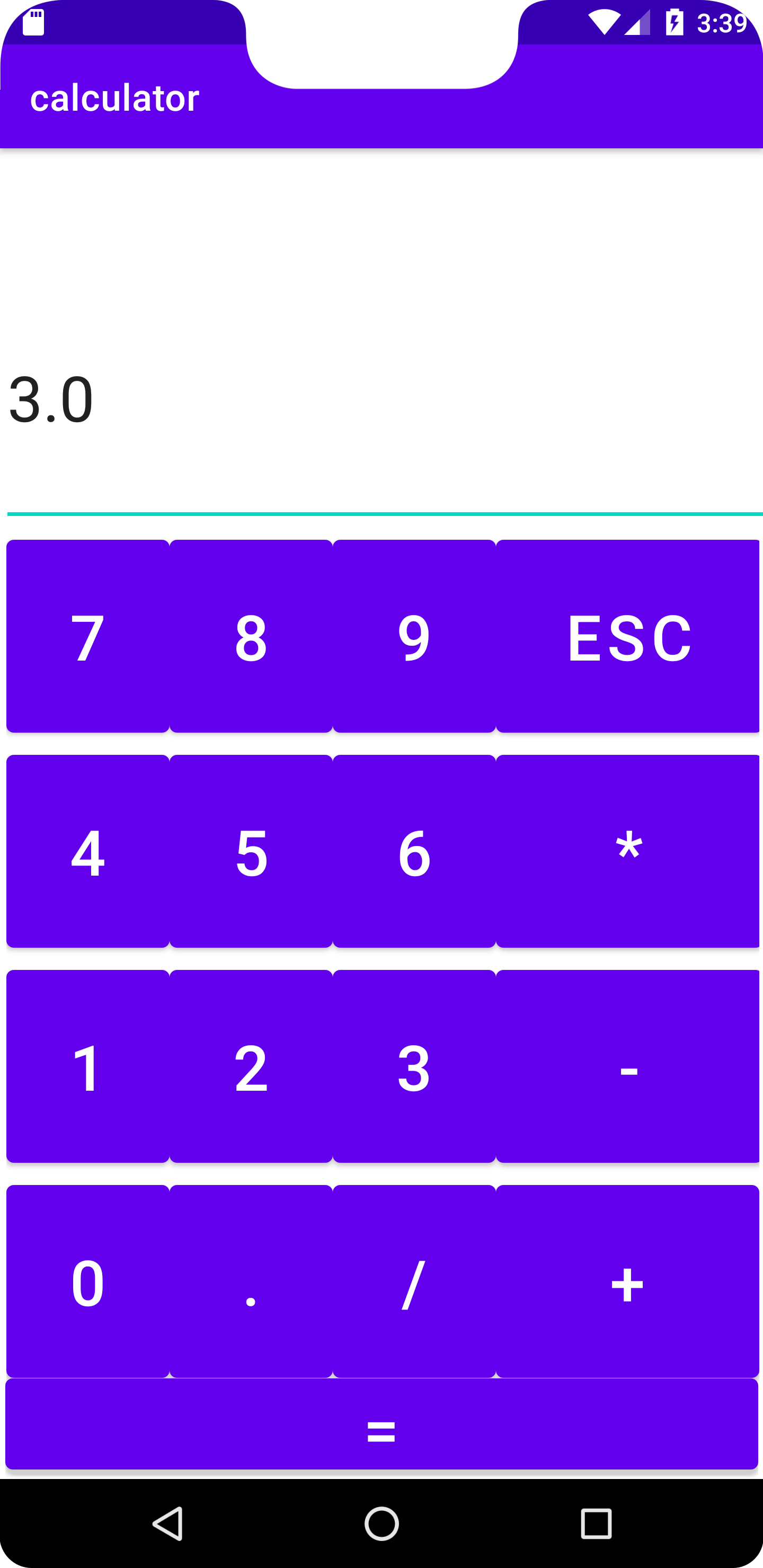
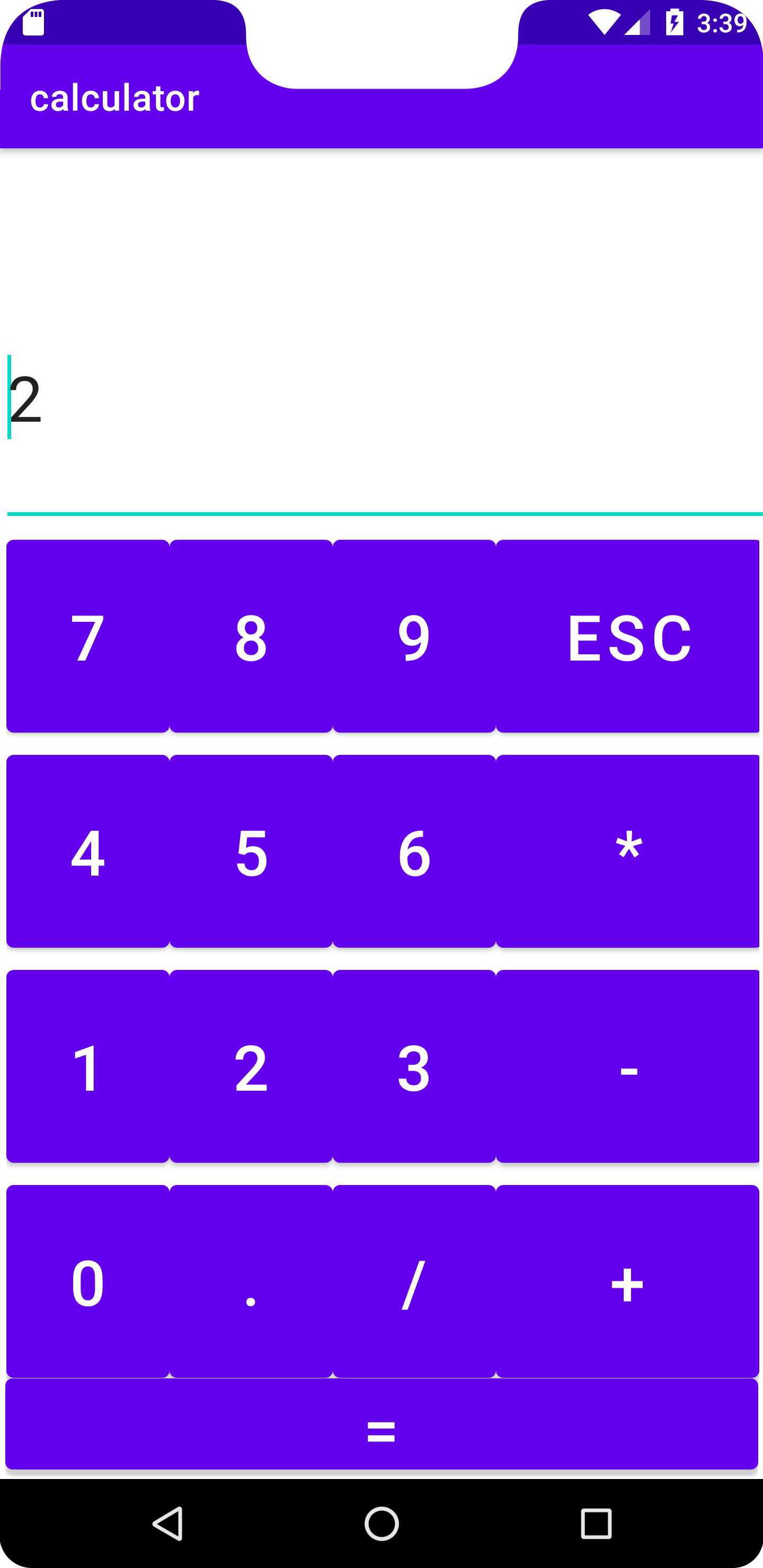
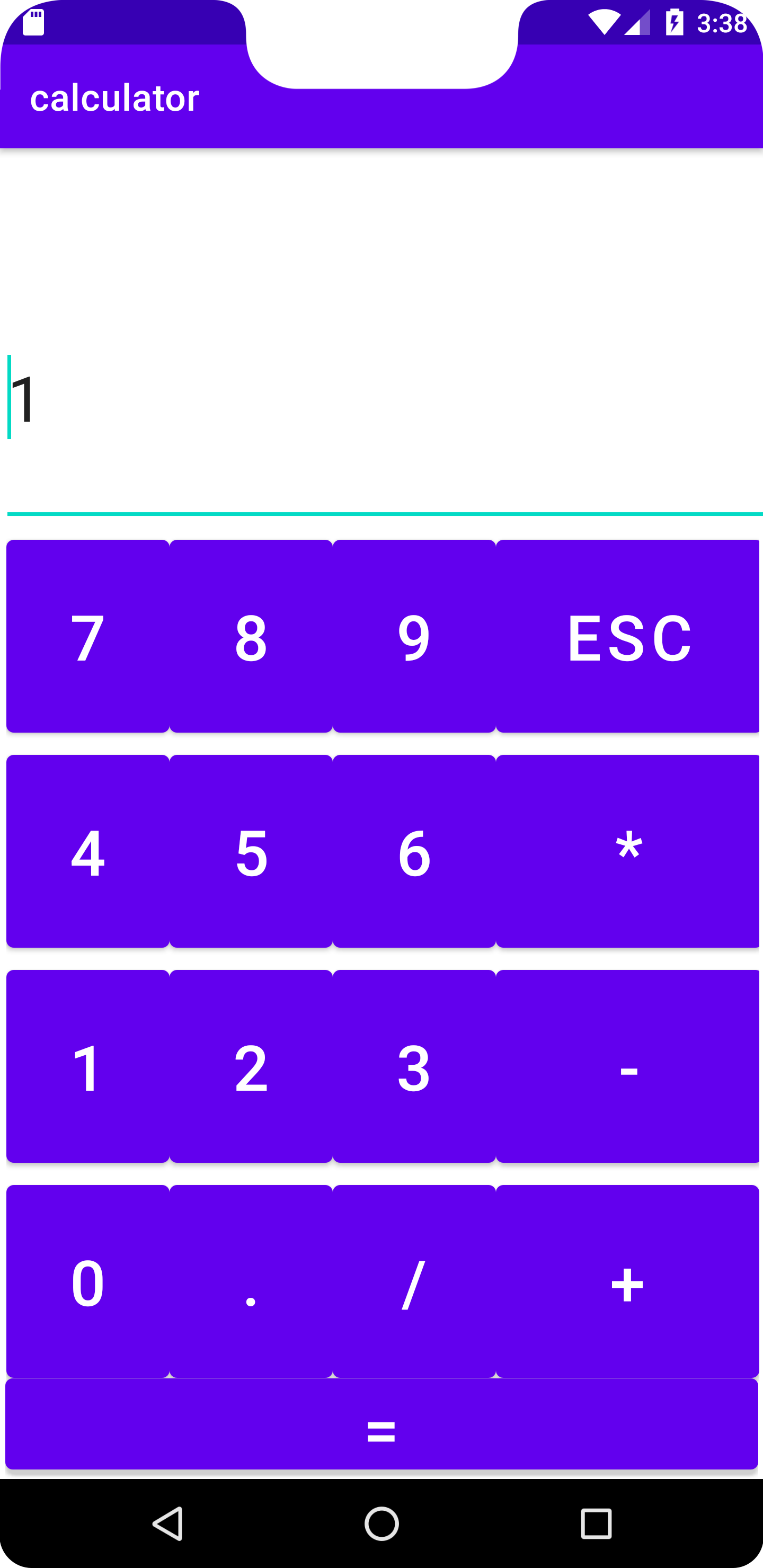
**XML CODE**

*<?*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">  
  
 <androidx.gridlayout.widget.GridLayout  
 android:id="@+id/gridLayout"  
 android:layout\_width="406dp"  
 android:layout\_height="460dp"  
 android:layout\_marginStart="1dp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/et\_number1">  
  
 <Button  
 android:id="@+id/b7"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="7"  
 android:textSize="34sp"  
 app:layout\_column="0"  
 app:layout\_row="0"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/b8"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="8"  
 android:textSize="34sp"  
 app:layout\_column="1"  
 app:layout\_row="0"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/b9"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="9"  
 android:textSize="34sp"  
 app:layout\_column="2"  
 app:layout\_row="0"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/delete"  
 android:layout\_width="144dp"  
 android:layout\_height="116dp"  
 android:text="ESC"  
 android:textSize="34sp"  
 app:layout\_column="3"  
 app:layout\_row="0" />  
  
 <Button  
 android:id="@+id/b4"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="4"  
 android:textSize="34sp"  
 app:layout\_column="0"  
 app:layout\_row="1"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/b5"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="5"  
 android:textSize="34sp"  
 app:layout\_column="1"  
 app:layout\_row="1"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/b6"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="6"  
 android:textSize="34sp"  
 app:layout\_column="2"  
 app:layout\_row="1"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/mult"  
 android:layout\_width="144dp"  
 android:layout\_height="116dp"  
 android:text="\*"  
 android:textSize="34sp"  
 app:layout\_column="3"  
 app:layout\_row="1" />  
  
 <Button  
 android:id="@+id/b1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="1"  
 android:textSize="34sp"  
 app:layout\_column="0"  
 app:layout\_row="2"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/b2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="2"  
 android:textSize="34sp"  
 app:layout\_column="1"  
 app:layout\_row="2"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/b3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="3"  
 android:textSize="34sp"  
 app:layout\_column="2"  
 app:layout\_row="2"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/subtract"  
 android:layout\_width="144dp"  
 android:layout\_height="116dp"  
 android:text="-"  
 android:textSize="34sp"  
 app:layout\_column="3"  
 app:layout\_row="2" />  
  
 <Button  
 android:id="@+id/b0"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="0"  
 android:textSize="34sp"  
 app:layout\_column="0"  
 app:layout\_row="3"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/button14"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="."  
 android:textSize="34sp"  
 app:layout\_column="1"  
 app:layout\_row="3"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/div"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="116dp"  
 android:text="/"  
 android:textSize="34sp"  
 app:layout\_column="2"  
 app:layout\_row="3"  
 tools:visibility="visible" />  
  
 <Button  
 android:id="@+id/add"  
 android:layout\_width="142dp"  
 android:layout\_height="116dp"  
 android:text="+"  
 android:textSize="34sp"  
 app:layout\_column="3"  
 app:layout\_row="3" />  
  
 </androidx.gridlayout.widget.GridLayout>  
  
 <EditText  
 android:id="@+id/et\_number1"  
 android:layout\_width="427dp"  
 android:layout\_height="141dp"  
 android:layout\_marginTop="64dp"  
 android:ems="10"  
 android:inputType="number"  
 android:textSize="34sp"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 tools:ignore="SpeakableTextPresentCheck,SpeakableTextPresentCheck" />  
 <LinearLayout  
 android:layout\_width="406dp"  
 android:layout\_height="61dp"  
 android:layout\_marginStart="11dp"  
 android:layout\_marginTop="10dp"  
 android:layout\_marginEnd="11dp"  
 android:layout\_marginBottom="17dp"  
 android:orientation="vertical"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/gridLayout">  
  
 <Button  
 android:id="@+id/equal"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:text="="  
 android:textSize="34sp" />  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**JAVA CODE**

package com.example.calculator;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.TextView;  
  
  
public class MainActivity extends AppCompatActivity implements View.OnClickListener{  
  
 TextView number, values;  
 double num1=0;  
 double num2=0;  
 String op="";  
 Button b1, b2, b3, b4, b5, b6, b7, b8, b9, b0, sum, sub, mul, div, deci, equal, clear;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 number = findViewById(R.id.*et\_number1*);  
 b0 = findViewById(R.id.*b0*);  
 b1 = findViewById(R.id.*b1*);  
 b2 = findViewById(R.id.*b2*);  
 b3 = findViewById(R.id.*b3*);  
 b4 = findViewById(R.id.*b4*);  
 b5 = findViewById(R.id.*b5*);  
 b6 = findViewById(R.id.*b6*);  
 b7 = findViewById(R.id.*b7*);  
 b8 = findViewById(R.id.*b8*);  
 b9 = findViewById(R.id.*b9*);  
  
 sum = findViewById(R.id.*add*);  
 sub = findViewById(R.id.*subtract*);  
 mul = findViewById(R.id.*mult*);  
 div = findViewById(R.id.*div*);  
  
 equal = findViewById(R.id.*equal*);  
 clear = findViewById(R.id.*delete*);  
  
 b1.setOnClickListener(this);  
 b2.setOnClickListener(this);  
 b3.setOnClickListener(this);  
 b4.setOnClickListener(this);  
 b5.setOnClickListener(this);  
 b6.setOnClickListener(this);  
 b7.setOnClickListener(this);  
 b8.setOnClickListener(this);  
 b9.setOnClickListener(this);  
 b0.setOnClickListener(this);  
  
 mul.setOnClickListener(this);  
 sub.setOnClickListener(this);  
 sum.setOnClickListener(this);  
 div.setOnClickListener(this);  
 clear.setOnClickListener(this);  
 equal.setOnClickListener(this);  
 }  
  
 @Override  
 public void onClick(View view) {  
 Button b= (Button) view;  
 if(view==clear)  
 {  
 number.setText("");  
 }  
  
 else if(view==sub||view==sum||view==mul||view==div)  
 {  
 num1=Integer.*parseInt*(number.getText().toString());  
 op=b.getText().toString();  
 number.setText("");  
 }  
  
 else if(view==equal)  
 {  
 num2=Integer.*parseInt*(number.getText().toString());  
 if(op.equals("+"))  
 {  
 number.setText(num1+num2+"");  
 }  
 else if(op.equals("-"))  
 {  
 number.setText(num1-num2+"");  
 }  
 else if(op.equals("\*"))  
 {  
 number.setText(num1\*num2+"");  
 }  
 else if(op.equals("/"))  
 {  
 number.setText(num1/num2+"");  
 }  
  
  
 }  
 else  
 {  
 String s=number.getText().toString();  
 number.setText(s+b.getText().toString());  
 }  
 }  
}

**OUTPUT**



**PROGRAM NO :4**

**DATE :20/09/22**

**FORM VALIDATION**

**AIM**

Implement validations on various UI controls

**XML CODE**

*<?*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">  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="332dp"  
 android:layout\_height="50dp"  
 android:layout\_marginStart="39dp"  
 android:layout\_marginTop="59dp"  
 android:layout\_marginEnd="40dp"  
 android:layout\_marginBottom="43dp"  
 android:text="REGISTRATION FORM"  
 android:textSize="34sp"  
 app:layout\_constraintBottom\_toTopOf="@+id/linearLayout"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <LinearLayout  
 android:id="@+id/linearLayout"  
 android:layout\_width="384dp"  
 android:layout\_height="437dp"  
 android:layout\_marginStart="6dp"  
 android:layout\_marginEnd="6dp"  
 android:layout\_marginBottom="96dp"  
 android:orientation="vertical"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent">  
  
 <LinearLayout  
 android:layout\_width="407dp"  
 android:layout\_height="45dp"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/fname"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:hint="FIRST NAME"  
 android:inputType="textPersonName"  
 tools:ignore="TouchTargetSizeCheck" />  
  
 <EditText  
 android:id="@+id/lname"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:hint="LAST NAME"  
 android:inputType="textPersonName"  
 tools:ignore="TouchTargetSizeCheck" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="413dp"  
 android:layout\_height="48dp"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/passw"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:hint="PASSWORD"  
 android:inputType="textPassword" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="408dp"  
 android:layout\_height="42dp"  
 android:orientation="horizontal">  
  
 <EditText  
 android:id="@+id/email"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:hint="EMAIL"  
 android:inputType="textEmailAddress" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="55dp"  
 android:orientation="horizontal">  
  
 <TextView  
 android:id="@+id/textView11"  
 android:layout\_width="55dp"  
 android:layout\_height="32dp"  
 android:layout\_weight="1"  
 android:text="Date of Birth" />  
  
 <EditText  
 android:id="@+id/dat"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:ems="10"  
 android:hint="dd/mm/yyyy"  
 android:inputType="date" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="61dp"  
 android:orientation="horizontal">  
  
 <RadioGroup  
 android:id="@+id/gp"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal">  
  
 <RadioButton  
 android:id="@+id/rb1"  
 android:layout\_width="126dp"  
 android:layout\_height="match\_parent"  
 android:text="Male" />  
  
 <RadioButton  
 android:id="@+id/rb2"  
 android:layout\_width="115dp"  
 android:layout\_height="match\_parent"  
 android:text="Female" />  
  
 <RadioButton  
 android:id="@+id/rb3"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="Other" />  
 </LinearLayout>  
  
 </RadioGroup>  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="410dp"  
 android:layout\_height="50dp"  
 android:orientation="horizontal">  
  
 <CheckBox  
 android:id="@+id/chb"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:text="All are correct" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="413dp"  
 android:layout\_height="56dp"  
 android:orientation="horizontal">  
  
 <Button  
 android:id="@+id/btn1"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:onClick="register"  
 android:text="Register" />  
  
 </LinearLayout>  
  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

**JAVA CODE**

package com.example.validation;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.CheckBox;  
import android.widget.EditText;  
import android.widget.RadioButton;  
import android.widget.RadioGroup;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
EditTextfirst,second,emailt,pass;  
RadioButtonmale,female,other;  
CheckBox c;  
RadioGroup g;  
 Boolean val;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
super.onCreate(savedInstanceState);  
setContentView(R.layout.*activity\_main*);  
  
 first=findViewById(R.id.fname);  
 second=findViewById(R.id.lname);  
emailt=findViewById(R.id.email);  
 dob=findViewById(R.id.txtdob);  
 pass=findViewById(R.id.passw);  
 male=findViewById(R.id.rb1);  
 female=findViewById(R.id.rb2);  
 other=findViewById(R.id.rb3);  
 g=findViewById(R.id.gp);  
 c=findViewById(R.id.chb);

datetext=findViewById(R.id.date);

pickdate=findViewById(R.id.datebutton);

pickdate.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Calendar calendar=Calendar.getInstance();

day=calendar.get(Calendar.DAY\_OF\_MONTH);

month=calendar.get(calendar.MONTH);

year=calendar.get(Calendar.YEAR);

datepicker=newDatePickerDialog(MainActivity.this,new

DatePickerDialog.OnDateSetListener() {

@Override

public void onDateSet(DatePickerdatePicker, int day, int month, int year) {

datetext.setText(day+"/"+(month+1)+"/"+year);

}

},year,month,day);

datepicker.show();

}

});

}

public void register(View view) {  
val=validate();  
 if(val)  
 {  
Toast.*makeText*(this, "Registered Successfull", Toast.*LENGTH\_SHORT*).show();  
 }  
 }  
 private boolean validate() {  
  
 if(emailt.length() == 0) {  
emailt.setError("required");  
 }  
 else  
 {  
 String s\_email=emailt.getText().toString();  
 String checkmail="[a-zA-Z0-9.\_-]+@[a-z]+@[a-z]+.+[a-z]+";  
 if(!s\_email.matches(checkmail)) {  
emailt.setError("Invalid email");  
 return false;  
 }  
 }  
  
 if(pass.length()==0)  
 {  
pass.setError("Required");  
 }  
 else if(pass.length()<8) {  
pass.setError("password must be minimum 8 characters");  
 }  
  
 if(first.length()==0)  
 {  
first.setError("Required");  
 return false;  
 }  
 if(second.length()==0)  
 {  
second.setError("Required");  
 return false;  
 }  
 if(dob.length()==0)  
 {  
dob.setError("Required");  
 return false;  
 }if(g.getCheckedRadioButtonId()== -1)  
 {  
other.setError("Select gender");  
other.requestFocus();  
 return false;  
 }  
 if(!c.isChecked())  
 {  
c.setError("Please agree");  
c.requestFocus();  
 return false;  
 }  
  
 return true;  
  
 }  
}

**OUTPUT**

