Course:-BCA 5A Roll No:-29

Uni Roll No:-1921085

Problem:-Create a simple application to implement simple calculator in android.

Xml Code:-

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout</pre>
        android:focusable="false"
        android:focusableInTouchMode="true"
```

Course:-BCA 5A Roll No:-29

```
android:layout height="wrap content"
android:text="3"
android:layout width="wrap content"
app:layout constraintStart toEndOf="@+id/button4" />
```

Course:-BCA 5A Roll No:-29

```
app:layout constraintStart toEndOf="@+id/button7" />
android:layout width="wrap content"
android:text="9"
android:text="-"
```

Course:-BCA 5A Roll No:-29

```
app:layout constraintBaseline toBaselineOf="@+id/buttondot"
       android:layout width="wrap content"
       android:layout height="wrap content"
       android:layout marginStart="8dp"
   <TextView
   <EditText
</androidx.constraintlayout.widget.ConstraintLayout>
```

Course:-BCA 5A Roll No:-29

Uni Roll No:-1921085

Java Code:-

```
package com.example.calculator;
import androidx.appcompat.app.AppCompatActivity;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
oublic class MainActivity extends AppCompatActivity {
```

Course:-BCA 5A Roll No:-29

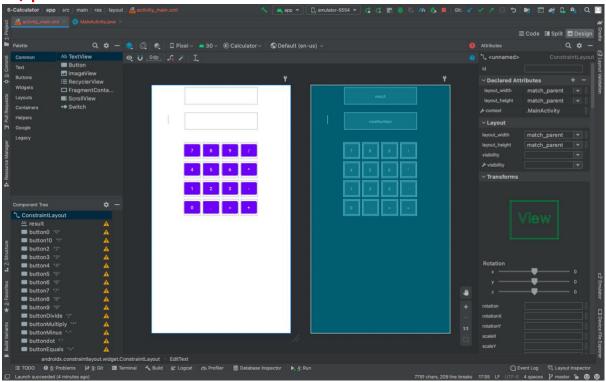
```
Button buttonPlus = (Button) findViewById(R.id.buttonPlus);
    public void onClick(View view) {
        newNumber.append(b.getText().toString());
button0.setOnClickListener(listener);
button4.setOnClickListener(listener);
button5.setOnClickListener(listener);
button7.setOnClickListener(listener);
button8.setOnClickListener(listener);
button9.setOnClickListener(listener);
buttonDot.setOnClickListener(listener);
            performOperation(doubleValue, op);
        } catch (NumberFormatException e) {
        displayOperation.setText(pendingOperation);
buttonEquals.setOnClickListener(opListener);
```

Course:-BCA 5A Roll No:-29

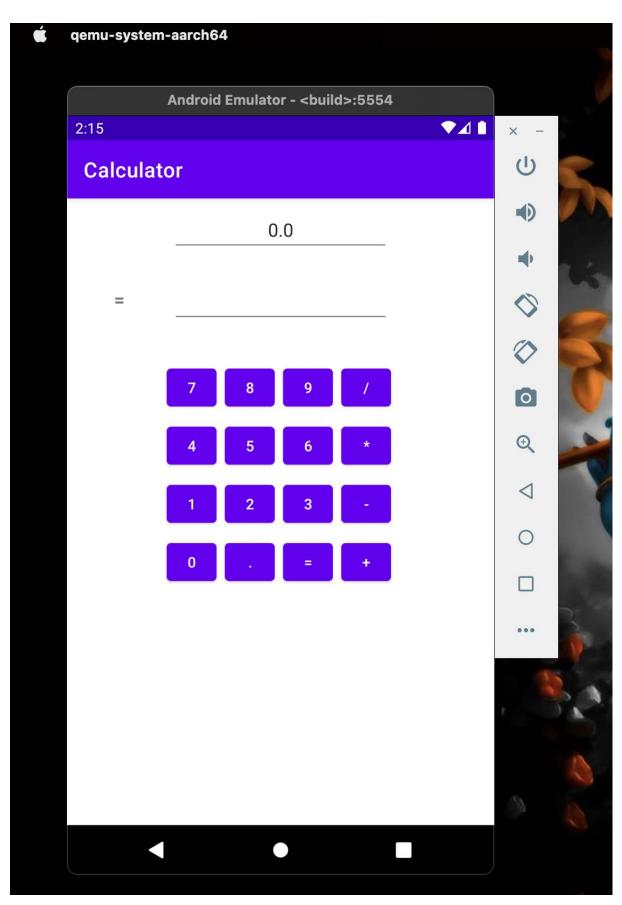
```
savedInstanceState.getString(STATE PENDING OPERATION);
       operand1 = savedInstanceState.getDouble(STATE OPERAND1);
   private void performOperation(Double value, String operation) {
```

Course:-BCA 5A Roll No:-29

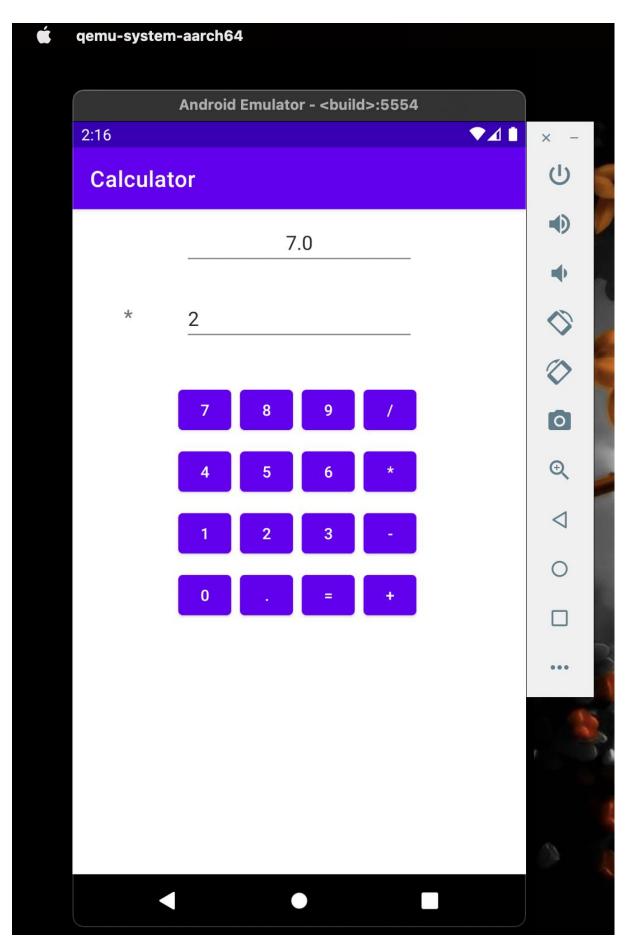




Course:-BCA 5A Roll No:-29



Course:-BCA 5A Roll No:-29



Course:-BCA 5A Roll No:-29

