```java
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;

public class MainActivity extends AppCompatActivity {


    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        //Button 1
        final Button btn1 = (Button) findViewById(R.id.btn1);
        btn1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "1");
            }
        });
//Button 2
        final Button btn2 = (Button) findViewById(R.id.btn2);
        btn2.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "2");
            }
        });
        //Button 3
        final Button btn3 = (Button) findViewById(R.id.btn3);
        btn3.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "3");
            }
        });
//Button 4
        final Button btn4 = (Button) findViewById(R.id.btn4);
        btn4.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "4");
            }
        });
        //Button 5
        final Button btn5 = (Button) findViewById(R.id.btn5);
        btn5.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
```

```java
            EditText editText = (EditText) findViewById(R.id.editText);
            editText.setText(editText.getText().toString() + "5");
        }
    });
//Button 6
        final Button btn6 = (Button) findViewById(R.id.btn6);
        btn6.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "6");
            }
        });
        //Button 7
        final Button btn7 = (Button) findViewById(R.id.btn7);
        btn7.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "7");
            }
        });
//Button 8
        final Button btn8 = (Button) findViewById(R.id.btn8);
        btn8.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "8");
            }
        });
        //Button 9
        final Button btn9 = (Button) findViewById(R.id.btn9);
        btn9.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "9");
            }
        });
//Button 0
        final Button btn0 = (Button) findViewById(R.id.btn0);
        btn0.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                EditText editText = (EditText) findViewById(R.id.editText);
                editText.setText(editText.getText().toString() + "0");
            }
        });


    }


}
```

```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">

    <Button
        android:id="@+id/btn5"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="5"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.381"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.457" />

    <Button
        android:id="@+id/btnc"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F44A4A"
        android:text="C"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.621"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.655" />

    <Button
        android:id="@+id/btn4"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="4"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.14"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.457" />

    <Button
        android:id="@+id/btn7"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
```

```xml
        android:text="7"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.14"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.557" />

    <Button
        android:id="@+id/btn2"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="2"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.384"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.36" />

    <Button
        android:id="@+id/btn9"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="9"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.621"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.557" />

    <Button
        android:id="@+id/btn0"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="0"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.14"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.655" />

    <Button
        android:id="@+id/btnEq"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#61F129"
```

```xml
        android:text="="
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.375"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.655" />

    <Button
        android:id="@+id/btn6"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="6"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.621"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.457" />

    <Button
        android:id="@+id/btn8"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="8"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.375"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.557" />

    <Button
        android:id="@+id/btn1"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
        android:inputType="number"
        android:text="1"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.14"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.36" />

    <Button
        android:id="@+id/btn3"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#F3E5F5"
```

```xml
        android:inputType="number"
        android:text="3"
        android:textSize="18sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.621"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.36" />

    <Button
        android:id="@+id/btnAdd"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#E3F2FD"
        android:text="+"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.894"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.359" />

    <Button
        android:id="@+id/btnSub"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#EDC17B"
        android:text="-"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.894"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.457" />

    <Button
        android:id="@+id/btnDivi"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#FFEBEE"
        android:text="/"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.894"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.557" />

    <Button
        android:id="@+id/btnMult"
        android:layout_width="70dp"
        android:layout_height="55dp"
        android:background="#EDE7F6"
        android:text="*"
        android:textSize="24sp"
```

```xml
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.894"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.655" />

    <EditText
        android:id="@+id/editText"
        android:layout_width="263dp"
        android:layout_height="79dp"
        android:autoText="false"
        android:background="#FFFFFF"
        android:ems="10"
        android:hint="Result"
        android:inputType="number"
        android:paddingLeft="20dp"
        android:textColor="#EF0B0B"
        android:textSize="36sp"
        android:typeface="normal"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.496"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.218" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

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