

NAME : AMIT DWIVEDI
CLASS : BCA 5A
ROLL NO. : 5/1921019
SUBJECT : App Development

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout 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:padding="16dp"
    android:orientation="vertical"
    tools:context="MainActivity">

    <EditText
        android:id="@+id/et1"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:inputType="number"
        android:minHeight="48dp"
        tools:ignore="SpeakableTextPresentCheck" />

    <EditText
        android:id="@+id/et2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_below="@+id/et1"
        android:layout_alignParentStart="true"
        android:inputType="number"
        android:minHeight="48dp"
        tools:ignore="SpeakableTextPresentCheck" />

    <TextView
        android:id="@+id/tv1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_below="@+id/et2"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="16dp"
        android:text="0"
        android:textColor="@android:color/black"
        android:textSize="50sp" />

    <Button
        android:id="@+id/b1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:text="add" />

    <Button
        android:id="@+id/b2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_centerHorizontal="true"
        android:layout_centerVertical="true"
        android:text="sub" />

    <Button
```

NAME : AMIT DWIVEDI
CLASS : BCA 5A
ROLL NO. : 5/1921019
SUBJECT : App Development

```
        android:id="@+id/b3"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:layout_centerHorizontal="true"  
        android:layout_centerVertical="true"  
        android:text="mul" />  
    <Button  
        android:id="@+id/b4"  
        android:layout_width="wrap_content"  
        android:layout_height="wrap_content"  
        android:layout_centerHorizontal="true"  
        android:layout_centerVertical="true"  
        android:text="div" />  
</LinearLayout>
```

JAVA:

```
package com.example.add;  
  
import android.os.Bundle;  
import android.support.v7.app.AppCompatActivity;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.TextView;  
  
public class MainActivity extends AppCompatActivity {  
    EditText edt1,edt2;  
    TextView txtv1;  
    Button btn1,btn2,btn3,btn4 ;  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {
```

NAME : AMIT DWIVEDI
CLASS : BCA 5A
ROLL NO. : 5/1921019
SUBJECT : App Development

```
super.onCreate(savedInstanceState);

setContentView(R.layout.activity_main);

edt1 = findViewById(R.id.et1);
edt2 = findViewById(R.id.et2);
txtv1 = findViewById(R.id.tv1);
btn1 = findViewById(R.id.b1);
btn2= findViewById(R.id.b2);
btn3= findViewById(R.id.b3);
btn4= findViewById(R.id.b4);
btn1.setOnClickListener(v -> {

    if (edt1.getText().toString().length() == 0) {

        edt1.setText("0");

    }

    if (edt2.getText().toString().length() == 0) {

        edt2.setText("0");

    }

    int num1 = Integer.parseInt(edt1.getText().toString());
    int num2 = Integer.parseInt(edt2.getText().toString());
    int sum = num1 + num2;

    txtv1.setText(String.valueOf(sum));

});

btn2.setOnClickListener(v -> {

    if (edt1.getText().toString().length() == 0) {

        edt1.setText("0");

    }

    if (edt2.getText().toString().length() == 0) {
```

NAME : AMIT DWIVEDI
CLASS : BCA 5A
ROLL NO. : 5/1921019
SUBJECT : App Development

```
        edt2.setText("0");
    }

    int num1 = Integer.parseInt(edt1.getText().toString());
    int num2 = Integer.parseInt(edt2.getText().toString());
    int sub = num1 - num2;
    txtv1.setText(String.valueOf(sub));
});

btn3.setOnClickListener(v -> {
    if (edt1.getText().toString().length() == 0) {
        edt1.setText("0");
    }
    if (edt2.getText().toString().length() == 0) {
        edt2.setText("0");
    }
    int num1 = Integer.parseInt(edt1.getText().toString());
    int num2 = Integer.parseInt(edt2.getText().toString());
    int mul = num1 * num2;
    txtv1.setText(String.valueOf(mul));
});

btn4.setOnClickListener(v -> {
    if (edt1.getText().toString().length() == 0) {
        edt1.setText("0");
    }
    if (edt2.getText().toString().length() == 0) {
        edt2.setText("0");
    }
});
```

NAME : AMIT DWIVEDI
CLASS : BCA 5A
ROLL NO. : 5/1921019
SUBJECT : App Development

```
    }  
  
    int num1 = Integer.parseInt(edt1.getText().toString());  
  
    int num2 = Integer.parseInt(edt2.getText().toString());  
  
    int div = num1 / num2;  
  
    txtv1.setText(String.valueOf(div));  
  
    });  
  
    }  
  
}
```