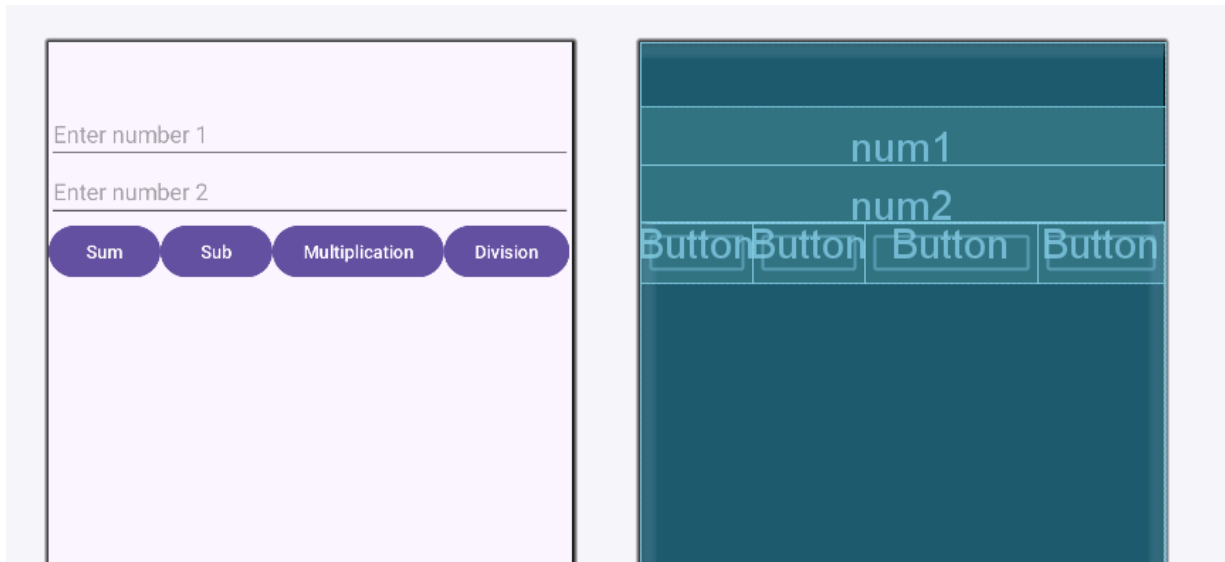


1) ArithmeticOperation

Design



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:id="@+id/main"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:orientation="vertical"
        tools:context=".MainActivity">

        <EditText
            android:layout_marginTop="50dp"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:id="@+id/num1"
```

```

        android:inputType="number"
        android:hint="Enter number 1"/>

<EditText
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:id="@+id/num2"
    android:inputType="number"
    android:hint="Enter number 2"/>

<LinearLayout
    android:layout_width="wrap_content"
    android:layout_height="match_parent"
    android:orientation="horizontal">

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/btnn"
        android:layout_weight="1"
        android:text="Sum"/>

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/Subb"
        android:text="Sub"/>

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/Mull"
        android:text="Multiplication"/>

    <Button
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/Divv"
        android:text="Division"/>

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

```

JAVA Code

```

package com.example.arithmeticoperation;

import android.os.Bundle;
import android.view.View;
import android.widget.Button;

```

```

import android.widget.EditText;
import android.widget.Toast;

import androidx.activity.EdgeToEdge;
import androidx.appcompat.app.AppCompatActivity;
import androidx.core.graphics.Insets;
import androidx.core.view.ViewCompat;
import androidx.core.view.WindowInsetsCompat;

public class MainActivity extends AppCompatActivity {

    EditText et1;
    EditText et2;
    Button btn,Sub,Mul,Div;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        EdgeToEdge.enable(this);
        setContentView(R.layout.activity_main);
        et1=findViewById(R.id.num1);
        et2=findViewById(R.id.num2);
        btn=findViewById(R.id.btnn);
        Sub=findViewById(R.id.Subb);
        Mul=findViewById(R.id.Mull);
        Div=findViewById(R.id.Divv);

        btn.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String num1=et1.getText().toString();
                String num2=et2.getText().toString();

                int a1=Integer.parseInt(num1);
                int a2=Integer.parseInt(num2);

                int sum= a1+a2;
                String t=String.valueOf(sum);

                Toast.makeText(MainActivity.this,"Addition : "+ t,
Toast.LENGTH_SHORT).show();

            }
        });

        Sub.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                String num1=et1.getText().toString();
                String num2=et2.getText().toString();

                int a1=Integer.parseInt(num1);
                int a2=Integer.parseInt(num2);

```

```

        int sub=a1-a2;
        String s=String.valueOf(sub);

        Toast.makeText(MainActivity.this ,"Substraction : 
+s,Toast.LENGTH_SHORT).show();
    }
});

Mul.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String num1=et1.getText().toString();
        String num2=et2.getText().toString();

        int a1=Integer.parseInt(num1);
        int a2=Integer.parseInt(num2);

        int mul=a1*a2;
        String m=String.valueOf(mul);

        Toast.makeText(MainActivity.this, "Multilplication : "+m,
Toast.LENGTH_SHORT).show();

    }
});

Div.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        String num1=et1.getText().toString();
        String num2=et2.getText().toString();



        int a1=Integer.parseInt(num1);
        int a2=Integer.parseInt(num2);

        int Div=a1/a2;
        String d=String.valueOf(Div);

        Toast.makeText(MainActivity.this, "Division : "+d,
Toast.LENGTH_SHORT).show();
    }
});
}
}

```

Output :

10:36  

Enter number 1

Enter number 2

1) Division

10:38

VoLTE 5G+

8

2

Sum

Sub

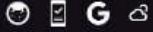
Multiplication

Division



Division : 4

10:38



VoLTE 5G+



2

8

Sum

Sub

Multiplication

Division



Division : 0

3) Multiplication



4) Substraction



5)Addition



