

Activity_main.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"
    Android:background="@drawable/ic_launcher_background"
    Tools:context=".MainActivity">
```

```
<EditText

    Android:id="@+id/etNUM1"
    Android:layout_width="wrap_content"
    Android:layout_height="wrap_content"
    Android:ems="10"
    Android:hint="Enter num1"
    Android:inputType="number"
    App:layout_constraintBottom_toBottomOf="parent"
    App:layout_constraintEnd_toEndOf="parent"
    App:layout_constraintHorizontal_bias="0.497"
    App:layout_constraintStart_toStartOf="parent"
    App:layout_constraintTop_toTopOf="parent"
    App:layout_constraintVertical_bias="0.218" />
```

```
<EditText

    Android:id="@+id/etNUM2"
    Android:layout_width="wrap_content"
```

```
Android:layout_height="wrap_content"
Android:ems="10"
Android:hint="Enter num2"
Android:inputType="number"
App:layout_constraintBottom_toBottomOf="parent"
App:layout_constraintEnd_toEndOf="parent"
App:layout_constraintHorizontal_bias="0.497"
App:layout_constraintStart_toStartOf="parent"
App:layout_constraintTop_toTopOf="parent"
App:layout_constraintVertical_bias="0.365" />
```

<Button

```
Android:id="@+id/btnADD"
Android:layout_width="99dp"
Android:layout_height="50dp"
Android:text="ADD"
App:layout_constraintBottom_toBottomOf="parent"
App:layout_constraintEnd_toEndOf="parent"
App:layout_constraintHorizontal_bias="0.144"
App:layout_constraintStart_toStartOf="parent"
App:layout_constraintTop_toTopOf="parent"
App:layout_constraintVertical_bias="0.544" />
```

<TextView

```
Android:id="@+id/tvAnswer"
Android:layout_width="344dp"
Android:layout_height="55dp"
Android:text="ANSWER:"
Android:textSize="30dp"
```

```
Android:textStyle="bold|italic"
App:layout_constraintBottom_toBottomOf="parent"
App:layout_constraintEnd_toEndOf="parent"
App:layout_constraintHorizontal_bias="0.558"
App:layout_constraintStart_toStartOf="parent"
App:layout_constraintTop_toBottomOf="@+id/btnADD"
App:layout_constraintVertical_bias="0.71" />
```

<Button

```
Android:id="@+id/btnMUL"
Android:layout_width="105dp"
Android:layout_height="58dp"
Android:layout_marginBottom="4dp"
Android:onClick="btnmul"
Android:text="MUL"
App:layout_constraintBottom_toBottomOf="parent"
App:layout_constraintEnd_toEndOf="parent"
App:layout_constraintHorizontal_bias="0.135"
App:layout_constraintStart_toStartOf="parent"
App:layout_constraintTop_toBottomOf="@+id/btnADD"
App:layout_constraintVertical_bias="0.236" />
```

<Button

```
Android:id="@+id/btnSUB"
Android:layout_width="95dp"
Android:layout_height="54dp"
Android:onClick="btnsub"
Android:text="SUB"
App:layout_constraintBottom_toBottomOf="parent"
```

```
App:layout_constraintEnd_toEndOf="parent"
App:layout_constraintHorizontal_bias="0.737"
App:layout_constraintStart_toStartOf="parent"
App:layout_constraintTop_toTopOf="parent"
App:layout_constraintVertical_bias="0.547" />
```

<Button

```
Android:id="@+id/btnDIV"
Android:layout_width="100dp"
Android:layout_height="55dp"
Android:onClick="btndiv"
Android:text="DIV"
App:layout_constraintBottom_toBottomOf="parent"
App:layout_constraintEnd_toEndOf="parent"
App:layout_constraintHorizontal_bias="0.749"
App:layout_constraintStart_toStartOf="parent"
App:layout_constraintTop_toBottomOf="@+id/btnSUB"
App:layout_constraintVertical_bias="0.216" />
```

<Button

```
Android:id="@+id/toast"
Android:layout_width="wrap_content"
Android:layout_height="wrap_content"
Android:onClick="btnTOAST"
Android:text="DON'T CLICK"
App:layout_constraintBottom_toBottomOf="parent"
App:layout_constraintEnd_toEndOf="parent"
App:layout_constraintHorizontal_bias="0.148"
App:layout_constraintStart_toStartOf="parent"
```

```
App:layout_constraintTop_toTopOf="parent"
App:layout_constraintVertical_bias="0.071" />
```

```
<Button
    Android:id="@+id/btn"
    Android:layout_width="wrap_content"
    Android:layout_height="wrap_content"
    Android:text="Button"
    App:layout_constraintBottom_toBottomOf="parent"
    App:layout_constraintEnd_toEndOf="parent"
    App:layout_constraintHorizontal_bias="0.949"
    App:layout_constraintStart_toStartOf="parent"
    App:layout_constraintTop_toTopOf="parent"
    App:layout_constraintVertical_bias="0.095" />
```

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

Activity_second.xml

```
<?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:orientation="vertical"
    Android:gravity="center"
    Tools:context=".SecondActivity">
```

```
<TextView
    Android:id="@+id/textView"
    Android:layout_width="wrap_content"
    Android:layout_height="wrap_content"
    Android:textSize="30dp"
    Android:text="LOL" />
</LinearLayout>
```

SecondActivity.java

```
Package com.example.addingtwonums;
Import androidx.appcompat.app.AppCompatActivity;
Import android.os.Bundle;
Public class SecondActivity extends AppCompatActivity {
    @Override
    Protected void onCreate(Bundle savedInstanceState) {
        Super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_second);
    }
}
```

MainActivity.java

```
Package com.example.addingtwonums;
Import androidx.appcompat.app.AppCompatActivity;
Import android.content.Intent;
Import android.os.Bundle;
Import android.view.View;
Import android.widget.Button;
```

```
Import android.widget.EditText;
```

```
Import android.widget.TextView;
```

```
Import android.widget.Toast;
```

```
Public class MainActivity extends AppCompatActivity implements View.OnClickListener {
```

```
    Private EditText num1;
```

```
    Private EditText num2;
```

```
    Private Button add;
```

```
    Private Button sub;
```

```
    Private Button mul;
```

```
    Private Button div;
```

```
    Private Button button;
```

```
    Private TextView result;
```

```
    Button b;
```

```
    @Override
```

```
    Protected void onCreate(Bundle savedInstanceState) {
```

```
        Super.onCreate(savedInstanceState);
```

```
        setContentView(R.layout.activity_main);
```

```
        b = findViewById(R.id.toast);
```

```
        b.setOnClickListener(this);
```

```
        button = findViewById(R.id.btn);
```

```
        button.setOnClickListener(new View.OnClickListener() {
```

```
            @Override
```

```
            Public void onClick(View view) {
```

```
                Intent intent = new Intent(MainActivity.this ,SecondActivity.class);
```

```
                startActivity(intent);
```

```
            }
```

```
        });
```

```
Num1 = (EditText) findViewById(R.id.etNUM1);  
Num2 = (EditText) findViewById(R.id.etNUM2);  
Add = (Button) findViewById(R.id.btnADD);  
Result = (TextView) findViewById(R.id.tvAnswer);
```

```
Add.setOnClickListener(new View.OnClickListener() {
```

```
    @Override
```

```
    Public void onClick(View view) {
```

```
        Int number1 = Integer.parseInt(num1.getText().toString());
```

```
        Int number2 = Integer.parseInt(num2.getText().toString());
```

```
        Int sum = number1 + number2;
```

```
        Result.setText("Answer: " + String.valueOf(sum));
```

```
    }
```

```
});
```

```
}
```

```
Public void btnsub(View view) {
```

```
    Int number1 = Integer.parseInt(num1.getText().toString());
```

```
    Int number2 = Integer.parseInt(num2.getText().toString());
```

```
    Int sum = number1 - number2;
```

```
    Result.setText("Answer: " + String.valueOf(sum));
```

```
}
```



```
Public void btnmul(View view) {  
    Int number1 = Integer.parseInt(num1.getText().toString());  
    Int number2 = Integer.parseInt(num2.getText().toString());  
    Int sum = number1 * number2;  
    Result.setText("Answer: " + String.valueOf(sum));  
  
}
```

```
Public void btndiv(View view) {  
    Int number1 = Integer.parseInt(num1.getText().toString());  
    Int number2 = Integer.parseInt(num2.getText().toString());  
    Double sum = number1 / number2;  
    Result.setText("Answer: " + String.valueOf(sum));  
}
```

```
Public void btnTOAST(View view) {  
}
```

```
@Override
```

```
Public void onClick(View view) {  
    Toast.makeText(MainActivity.this,"YOU ARE NOOB!!",Toast.LENGTH_SHORT).show();  
}  
}
```