MainActivity.java

package com.example.sum;  
  
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;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 EditText a=(EditText)findViewById(R.id.*editTextNumber*);  
 EditText b=(EditText)findViewById(R.id.*editTextNumber2*);  
 Button sum=(Button)findViewById(R.id.*sum*);  
 Button sub=(Button)findViewById(R.id.*sub*);  
 Button mul=(Button)findViewById(R.id.*mul*);  
 Button div=(Button)findViewById(R.id.*div*);  
 TextView txt=(TextView)findViewById(R.id.*textView3*);  
 sum.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 float x=*Float.parseFloat*(a.getText().toString());  
 float y= *Float.parseFloat* (b.getText().toString());  
 float z=x+y;  
 Intent intent = new Intent(MainActivity.this,Result.class);  
 intent.putExtra("res",z);  
 startActivity(intent);  
 }  
 });  
 sub.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 float x= *Float.parseFloat* (a.getText().toString());  
 float y= *Float.parseFloat* (b.getText().toString());  
 float z=x-y;  
 Intent intent = new Intent(MainActivity.this,Result.class);  
 intent.putExtra("res",z);  
 startActivity(intent);  
 }  
 });  
 mul.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 float x= *Float.parseFloat* (a.getText().toString());  
 float y= *Float.parseFloat* (b.getText().toString());  
 float z=x\*y;  
 Intent intent = new Intent(MainActivity.this,Result.class);  
 intent.putExtra("res",z);  
 startActivity(intent);  
 }  
 });  
 div.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View v) {  
 float x= *Float.parseFloat* (a.getText().toString());  
 float y= *Float.parseFloat* (b.getText().toString());  
 float z=x/y;  
 Intent intent = new Intent(MainActivity.this,Result.class);  
 intent.putExtra("res",z);  
 startActivity(intent);  
 }  
 });  
 }  
}

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:background="#E6DB7B"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <Button  
 android:id="@+id/mul"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="264dp"  
 android:text="Multiply"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.179"  
 app:layout\_constraintStart\_toStartOf="parent" />  
  
 <Button  
 android:id="@+id/div"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="264dp"  
 android:text="Divide"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.801"  
 app:layout\_constraintStart\_toStartOf="parent" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Enter a:"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toTopOf="@+id/textView"  
 app:layout\_constraintHorizontal\_bias="0.145"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.718" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Enter b:"  
 android:textSize="20sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.145"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.265" />  
  
 <EditText  
 android:id="@+id/editTextNumber"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:ems="10"  
 android:inputType="number"  
 app:layout\_constraintBottom\_toTopOf="@+id/editTextNumber2"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/textView2"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.776" />  
  
 <EditText  
 android:id="@+id/editTextNumber2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="516dp"  
 android:ems="10"  
 android:inputType="number"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toEndOf="@+id/textView" />  
  
 <Button  
 android:id="@+id/sum"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="400dp"  
 android:text="Sum"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.154"  
 app:layout\_constraintStart\_toStartOf="parent" />  
  
 <Button  
 android:id="@+id/sub"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="400dp"  
 android:text="Subtarct"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.801"  
 app:layout\_constraintStart\_toStartOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Result.java

package com.example.sum;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.TextView;  
  
public class Result extends AppCompatActivity {  
 TextView txt;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_result*);  
 txt=(TextView)findViewById(R.id.*textView3*);  
 float sum=getIntent().getExtras().getFloat("res");  
 txt.setText("Result= "+sum);  
 }  
}

activity\_result.xml

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout 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="#E6DB7B"  
 tools:context=".Result">  
  
 <TextView  
 android:id="@+id/textView3"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentEnd="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentBottom="true"  
 android:layout\_marginEnd="216dp"  
 android:layout\_marginRight="216dp"  
 android:layout\_marginBottom="422dp"  
 android:textColor="#F44336"  
 android:textSize="28sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
</RelativeLayout>

Output:

 