*4.simplecalculator*

*<?*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"  
 tools:context=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SimpleCalculator"  
 android:layout\_marginLeft="90dp"  
 android:textSize="30dp"  
 android:textColor="@color/design\_default\_color\_error"  
 />  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="FIRST NUMBER"  
 android:id="@+id/et1"  
 />  
 <EditText  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:hint="SECOND NUMBER"  
 android:id="@+id/et2"  
 android:layout\_marginTop="10dp"  
 />  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/t1"  
 />  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="ADD"  
 android:id="@+id/add"  
 />  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SUB"  
 android:id="@+id/sub"  
 />  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="MUL"  
 android:id="@+id/mul"  
 />  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="DIV"  
 android:id="@+id/div"  
 />  
</LinearLayout>

Activity.java

package com.example.simplecalculator;  
  
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*);  
 EditText a=findViewById(R.id.*et1*);  
 EditText b=findViewById(R.id.*et2*);  
 Button add=findViewById(R.id.*add*);  
 Button mul=findViewById(R.id.*mul*);  
 Button sub=findViewById(R.id.*sub*);  
 Button div=findViewById(R.id.*div*);  
 TextView result=findViewById(R.id.*t1*);  
 add.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Double n1=Double.*parseDouble*(a.getText().toString());  
 Double n2=Double.*parseDouble*(b.getText().toString());  
 Double r=n1+n2;  
 result.setText(String.*valueOf*(r));  
  
 }  
 });  
 sub.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Double n1=Double.*parseDouble*(a.getText().toString());  
 Double n2=Double.*parseDouble*(b.getText().toString());  
 Double r=n1-n2;  
 result.setText(String.*valueOf*(r));  
  
 }  
 });  
 mul.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Double n1=Double.*parseDouble*(a.getText().toString());  
 Double n2=Double.*parseDouble*(b.getText().toString());  
 Double r=n1\*n2;  
 result.setText(String.*valueOf*(r));  
  
 }  
 });  
 div.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 Double n1=Double.*parseDouble*(a.getText().toString());  
 Double n2=Double.*parseDouble*(b.getText().toString());  
 Double r=n1/n2;  
 result.setText(String.*valueOf*(r));  
  
 }  
 });  
 }  
}

