Hesap makinesi uygulaması

xml kodları

<?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"  
 tools:context=".MainActivity">

<EditText  
 android:id="@+id/number1Text"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="97dp"  
 android:layout\_marginBottom="20dp"  
 android:ems="10"  
 android:hint="Enter number:"  
 android:inputType="number" //İnputType numara olsun önemli sadece rakamlar gelir , değer girişinde klavyede  
  
 app:layout\_constraintBottom\_toTopOf="@+id/number2Text"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
<EditText  
 android:id="@+id/number2Text"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginBottom="21dp"  
 android:ems="10"  
 android:hint="Enter number 2 :"  
 android:inputType="number" //İnputType numara olsun önemli sadece rakamlar gelir , değer girişinde klavyede  
 app:layout\_constraintBottom\_toTopOf="@+id/linearLayout"  
 app:layout\_constraintStart\_toStartOf="@+id/number1Text"  
 app:layout\_constraintTop\_toBottomOf="@+id/number1Text" />

<TextView  
 android:id="@+id/ResultText"  
 android:layout\_width="208dp"  
 android:layout\_height="100dp"  
 android:layout\_marginBottom="180dp"  
 android:text="Result : 0"  
 android:textAlignment="center"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/linearLayout" />  
  
 <LinearLayout  
 android:id="@+id/linearLayout"  
 android:layout\_width="258dp"  
 android:layout\_height="74dp"  
 android:layout\_marginBottom="47dp"  
 android:gravity="center"  
 android:orientation="horizontal"  
 app:layout\_constraintBottom\_toTopOf="@+id/ResultText"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@+id/number2Text">  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="51dp"  
 android:layout\_height="45dp"  
 android:layout\_margin="8dp"  
 android:onClick="sum"  
 android:text="+"  
 tools:layout\_editor\_absoluteX="106dp"  
 tools:layout\_editor\_absoluteY="229dp" />  
  
 <Button  
 android:id="@+id/button2"  
 android:layout\_width="51dp"  
 android:layout\_height="45dp"  
 android:layout\_margin="8dp"  
 android:onClick="deduct"  
 android:text="-"  
 tools:layout\_editor\_absoluteX="168dp"  
 tools:layout\_editor\_absoluteY="229dp" />  
  
 <Button  
 android:id="@+id/button3"  
 android:layout\_width="51dp"  
 android:layout\_height="45dp"  
 android:layout\_margin="8dp"  
 android:onClick="mutiply"  
 android:text="\*"  
 tools:layout\_editor\_absoluteX="231dp"  
 tools:layout\_editor\_absoluteY="229dp" />  
  
 <Button  
 android:id="@+id/button4"  
 android:layout\_width="51dp"  
 android:layout\_height="45dp"  
 android:layout\_margin="8dp"  
 android:onClick="divide"  
 android:text="/"  
 tools:layout\_editor\_absoluteX="290dp"  
 tools:layout\_editor\_absoluteY="229dp" />  
 </LinearLayout>  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Hesap makinesi main activity kodlar

package com.selimcinar.calculatorjava;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.EditText;  
import android.widget.TextView;  
  
public class MainActivity extends AppCompatActivity {  
 //Global kapsamda tanımlamalar  
 EditText number1Text;  
 EditText number2Text;  
 TextView resultText;  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
  
 //Objeler tanımlandı ve idlere erişim sağlandı  
 number1Text = findViewById(R.id.*number1Text*);  
 number2Text = findViewById(R.id.*number2Text*);  
 resultText = findViewById(R.id.*ResultText*);  
  
 }  
  
  
 //Buttonlarda onclicke atanmış değerlerle işlemler  
 // herkese açık return yok adı sum (Görünüm tarafından çağrılacak)  
 public void sum(View view){  
 //İf kontrolünde boş rakam girişi engellendi  
 if(number1Text.getText().toString().matches("") || number2Text.getText().toString().matches("")) {  
 resultText.setText("Enter number" );  
 }  
 else {  
 //Kullanıcıdan veri almak objelerde  
 Double number1 = Double.*parseDouble*(number1Text.getText().toString());  
 Double number2 = Double.*parseDouble*(number1Text.getText().toString());  
 Double result = number1 + number2;  
 //Double değeri otomatik stringe dönüştürdü  
 resultText.setText("Result " + result);  
 }  
 }  
 public void deduct(View view){  
//İf kontrolünde boş rakam girişi engellendi  
 if(number1Text.getText().toString().matches("") || number2Text.getText().toString().matches("")) {  
 resultText.setText("Enter number" );  
 }  
 else {  
 //Kullanıcıdan veri almak objelerde  
 Double number1 = Double.*parseDouble*(number1Text.getText().toString());  
 Double number2 = Double.*parseDouble*(number1Text.getText().toString());  
 Double result = number1 - number2;  
 //Double değeri otomatik stringe dönüştürdü  
 resultText.setText("Result " + result);  
 }  
 }  
 public void multiply(View view){  
 //İf kontrolünde boş rakam girişi engellendi  
 if(number1Text.getText().toString().matches("") || number2Text.getText().toString().matches("")) {  
 resultText.setText("Enter number" );  
 }  
 else {  
 //Kullanıcıdan veri almak objelerde  
 Double number1 = Double.*parseDouble*(number1Text.getText().toString());  
 Double number2 = Double.*parseDouble*(number1Text.getText().toString());  
 Double result = number1 \* number2;  
 //Double değeri otomatik stringe dönüştürdü  
 resultText.setText("Result " + result);  
 }  
 }  
 public void divide(View view){  
 //İf kontrolünde boş rakam girişi engellendi  
 if(number1Text.getText().toString().matches("") || number2Text.getText().toString().matches("")) {  
 resultText.setText("Enter number" );  
 }  
 else {  
 //Kullanıcıdan veri almak objelerde  
 Double number1 = Double.*parseDouble*(number1Text.getText().toString());  
 Double number2 = Double.*parseDouble*(number1Text.getText().toString());  
 Double result = number1 / number2;  
 //Double değeri otomatik stringe dönüştürdü  
 resultText.setText("Result " + result);  
 }  
 }  
}