Addition of Two Numbers

MainActivity.java

package com.example.additionoftwonumbers;

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 {

EditText edt1, edt2;

Button btn1;

TextView tv1;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

edt1 = findViewById(R.id.edt1);

edt2 = findViewById(R.id.edt2);

btn1 = findViewById(R.id.btn1);

tv1 = findViewById(R.id.tv1);

btn1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int val1 = Integer.parseInt(edt1.getText().toString());

int val2 = Integer.parseInt(edt2.getText().toString());

int result = val1 + val2;

tv1.setText(String.valueOf(result));

}

});

}

}

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"

tools:context=".MainActivity">

<EditText

android:id="@+id/edt1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="48dp"

android:ems="10"

android:inputType="textPersonName"

android:minHeight="48dp"

android:text="Number 1"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.497"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

<EditText

android:id="@+id/edt2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="28dp"

android:ems="10"

android:inputType="textPersonName"

android:minHeight="48dp"

android:text="Number 2"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.497"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/edt1" />

<Button

android:id="@+id/btn1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="48dp"

android:text="Add"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/edt2" />

<TextView

android:id="@+id/tv1"

android:layout\_width="60dp"

android:layout\_height="16dp"

android:text="TextView"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.498"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toBottomOf="@+id/btn1"

app:layout\_constraintVertical\_bias="0.136" />

</androidx.constraintlayout.widget.ConstraintLayout>

Output:

 