package mca.acharya.com.lab3;

import android.support.v7.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.EditText;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

EditText input1,input2;

TextView result;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

}

public void add(View v){

input1 = findViewById(R.id.editText1);

input2 = findViewById(R.id.editText2);

result = findViewById(R.id.result);

int num1 = Integer.parseInt(input1.getText().toString());

int num2 = Integer.parseInt(input2.getText().toString());

result.setText(Integer.toString(num1+num2));

}

public void sub(View v){

input1 = findViewById(R.id.editText1);

input2 = findViewById(R.id.editText2);

result = findViewById(R.id.result);

int num1 = Integer.parseInt(input1.getText().toString());

int num2 = Integer.parseInt(input2.getText().toString());

result.setText(Integer.toString(num1-num2));

}

public void mul(View v){

input1 = findViewById(R.id.editText1);

input2 = findViewById(R.id.editText2);

result = findViewById(R.id.result);

int num1 = Integer.parseInt(input1.getText().toString());

int num2 = Integer.parseInt(input2.getText().toString());

result.setText(Integer.toString(num1\*num2));

}

public void div(View v){

input1 = findViewById(R.id.editText1);

input2 = findViewById(R.id.editText2);

result = findViewById(R.id.result);

int num1 = Integer.parseInt(input1.getText().toString());

int num2 = Integer.parseInt(input2.getText().toString());

result.setText(Integer.toString(num1/num2));

}

}

<?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"

tools:context="mca.acharya.com.lab3.MainActivity">

<EditText

android:id="@+id/editText1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignParentStart="true"

android:layout\_alignParentTop="true"

android:layout\_marginStart="27dp"

android:layout\_marginTop="34dp"

android:ems="10"

android:inputType="textPersonName"

android:text="Enter number" />

<EditText

android:id="@+id/editText2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignStart="@+id/editText1"

android:layout\_below="@+id/editText1"

android:layout\_marginTop="16dp"

android:ems="10"

android:inputType="textPersonName"

android:text="Enter number" />

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignStart="@+id/editText2"

android:layout\_below="@+id/editText2"

android:layout\_marginTop="33dp"

android:onClick="add"

android:text="Add" />

<Button

android:id="@+id/button2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignTop="@+id/button"

android:layout\_marginStart="18dp"

android:layout\_toEndOf="@+id/button"

android:onClick="sub"

android:text="Sub" />

<Button

android:id="@+id/button3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignStart="@+id/button"

android:layout\_below="@+id/button"

android:layout\_marginTop="24dp"

android:onClick="mul"

android:text="Mul" />

<Button

android:id="@+id/button4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignStart="@+id/button2"

android:layout\_alignTop="@+id/button3"

android:onClick="div"

android:text="Div" />

<TextView

android:id="@+id/result"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_alignStart="@+id/button3"

android:layout\_below="@+id/button3"

android:layout\_marginTop="31dp"

android:text="Result is: " />

</RelativeLayout>