Q1. Implement Addition of two Numbers using relative layout

MainActivity.java

```java
package com.example.hehe;

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;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    EditText e1,e2;
    Button btn1;

    TextView tv;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        e1 = findViewById(R.id.edt1);
        e2 = findViewById(R.id.edt2);
        btn1 = findViewById(R.id.btnsum);
        tv = findViewById(R.id.t1);

        btn1.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                int a = Integer.parseInt(e1.getText().toString());
                int b = Integer.parseInt(e2.getText().toString());
                int c = a + b;

                tv.setText(String.valueOf(c));
                Toast.makeText(getApplicationContext(), String.valueOf(c),
                Toast.LENGTH_LONG).show();
            }
        });
    }
```

```
}
```

activity_main.xml:

```xml
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    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="44dp"
        android:ems="10"
        android:hint="Enter Number"
        android:inputType="number"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true" />

    <EditText
        android:id="@+id/edt2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="100dp"
        android:ems="10"
        android:hint="Enter Number"
        android:inputType="number"
        android:layout_below="@+id/edt1"
        android:layout_centerHorizontal="true" />

    <Button
        android:id="@+id/btnsum"
        android:layout_width="115dp"
        android:layout_height="62dp"
        android:layout_marginTop="16dp"
        android:text="Sum"
        android:layout_below="@+id/edt2"
        android:layout_centerHorizontal="true" />

    <TextView
        android:id="@+id/t1"
        android:layout_width="wrap_content"
```

```
        android:layout_height="wrap_content"
        android:textAlignment="center"
        android:textColor="#832F2F"
        android:textSize="20sp"
        android:layout_above="@+id/btnsum"
        android:layout_centerHorizontal="true"
        android:layout_below="@+id/edt2" />

</RelativeLayout>
```

Output: