**PROGRAM NO. 2**

**Find Sum of Two Numbers and Display the Value on Toast**

activity\_main.xml

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 xmlns:android="http://schemas.android.com/apk/res/android" >  
  
 <EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/entry1" />  
  
 <EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/entry2" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/button"  
 android:text="Add" />  
  
</LinearLayout>

MainActivity.java

package com.example.sum2no;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.Button;  
import android.widget.EditText;  
import android.view.View;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity  
{  
 private EditText value1, value2;  
 private Button sum;  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState)  
 {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 addListenerOnButton();  
 }  
 public void addListenerOnButton()  
 {  
 value1=(EditText) findViewById(R.id.*entry1*);  
 value2=(EditText) findViewById(R.id.*entry2*);  
 sum=(Button) findViewById(R.id.*button*);  
 sum.setOnClickListener(new View.OnClickListener()  
 {  
 @Override  
 public void onClick(View v)  
 {  
 String e1=value1.getText().toString();  
 String e2=value2.getText().toString();  
 int a=Integer.*parseInt*(e1);  
 int b=Integer.*parseInt*(e2);  
 int sum=a+b;  
 Toast.*makeText*(getApplicationContext(),String.*valueOf*(sum),Toast.*LENGTH\_LONG*).show();  
 }  
 });  
 }  
}

Output