**SUM OF TWO NUMBERS**

*<?***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:id="@+id/activity\_sum1"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.mca.sum1.sum1"**>  
  
 <**TextView  
 android:text="TextView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/textView3"  
 android:layout\_above="@+id/button"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginBottom="115dp"** />  
  
 <**Button  
 android:text="SUM"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:id="@+id/button"  
 android:layout\_marginBottom="123dp"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignLeft="@+id/textView3"  
 android:layout\_alignStart="@+id/textView3"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:ems="10"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="25dp"  
 android:id="@+id/editText"** />  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:ems="10"  
 android:layout\_above="@+id/textView3"  
 android:layout\_alignRight="@+id/editText"  
 android:layout\_alignEnd="@+id/editText"  
 android:layout\_marginBottom="30dp"  
 android:id="@+id/editText2"** />  
</**RelativeLayout**>

**package** com.example.mca.sum1;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
**import** android.widget.TextView;  
  
**public class** sum1 **extends** AppCompatActivity {  
 EditText **t1**,**t2**;  
 Button **b**;  
 TextView **t**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_sum1***);  
 **t1**=(EditText)findViewById(R.id.***editText***);  
 **t2**=(EditText)findViewById(R.id.***editText2***);  
 **t**=(TextView)findViewById(R.id.***textView3***);  
 **b**=(Button)findViewById(R.id.***button***);  
  
 **b**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
  
  
 String a=**t1**.getText().toString();  
 String b=**t2**.getText().toString();  
  
 **int** c=Integer.*parseInt*(a)+Integer.*parseInt*(b);  
  
 **t**.setText(String.*valueOf*(c));  
  
  
 }  
 });  
  
 }  
}

TOAST MESSAGE

*<?***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:id="@+id/activity\_main11"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.mca.myapplication11.MainActivity11"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_centerHorizontal="true"  
 android:layout\_alignParentTop="true"**>  
  
 <**Button  
 android:text="Button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="102dp"  
 android:id="@+id/button"  
 android:onClick="displayToast"  
 tools:text="display toast"** />  
 </**RelativeLayout**>  
</**RelativeLayout**>

**package** com.example.mca.myapplication11;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.Menu;  
**import** android.view.View;  
**import** android.widget.Toast;  
  
  
**public class** MainActivity11 **extends** AppCompatActivity {  
  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main11***);  
 }  
 *//Display toast on button click* **public void** displayToast(View view) {  
  
 Toast.*makeText*(MainActivity11.**this**, **"Hello Toast Message!"**, Toast.***LENGTH\_LONG***).show();  
  
 }  
  
}

COUNT AND RESET

*<?***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:id="@+id/activity\_main12"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:paddingBottom="@dimen/activity\_vertical\_margin"  
 android:paddingLeft="@dimen/activity\_horizontal\_margin"  
 android:paddingRight="@dimen/activity\_horizontal\_margin"  
 android:paddingTop="@dimen/activity\_vertical\_margin"  
 tools:context="com.example.mca.myapplication12.MainActivity12"**>  
  
 <**RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"**>  
  
 <**EditText  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:inputType="textPersonName"  
 android:ems="10"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginLeft="52dp"  
 android:layout\_marginStart="52dp"  
 android:layout\_marginTop="94dp"  
 android:id="@+id/editText"  
 android:hint="enter number"** />  
  
 <**Button  
 android:text="count"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerVertical="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginLeft="36dp"  
 android:layout\_marginStart="36dp"  
 android:id="@+id/button"** />  
  
 <**Button  
 android:text="reset"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerVertical="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginRight="73dp"  
 android:layout\_marginEnd="73dp"  
 android:id="@+id/button2"** />  
 </**RelativeLayout**>  
</**RelativeLayout**>

**package** com.example.mca.myapplication12;  
  
**import** android.support.v7.app.AppCompatActivity;  
**import** android.os.Bundle;  
**import** android.view.View;  
**import** android.widget.Button;  
**import** android.widget.EditText;  
  
  
**public class** MainActivity12 **extends** AppCompatActivity {  
  
 EditText **t1**;  
 Button **b1**,**b2**;  
 @Override  
 **protected void** onCreate(Bundle savedInstanceState) {  
 **super**.onCreate(savedInstanceState);  
 setContentView(R.layout.***activity\_main12***);  
  
 **t1**=(EditText)findViewById(R.id.***editText***);  
 **b1**=(Button)findViewById(R.id.***button***);  
 **b2**=(Button)findViewById(R.id.***button2***);  
 **b1**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
  
  
 String a=**t1**.getText().toString();  
  
 **int** c=Integer.*parseInt*(a)+1;  
  
 **t1**.setText(String.*valueOf*(c));  
  
  
 }  
 });  
 **b2**.setOnClickListener(**new** View.OnClickListener() {  
 @Override  
 **public void** onClick(View v) {  
 String c=**""**;  
 **t1**.setText(String.*valueOf*(c));  
 }  
 });  
  
 }  
}