**REPORT ON LABORATORY WORK**

**Aim:Creating Two text fields and one button for sum of two numbers. If user clicks button,sum of Two Input values is displayed on the Toast.**

**File:xml**

<?xmlversion="1.0"encoding="utf-8"?>  
<LinearLayoutandroid:layout\_width="match\_parent"

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xmlns:android="http://schemas.android.com/apk/res/android" android:orientation="vertical">

<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>

**File:java**

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();

});

}

}