**XML Code**

*<?*xml version="1.0" encoding="utf-8"*?>*<androidx.constraintlayout.widget.ConstraintLayout 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"  
 android:textAlignment="center"  
 android:textDirection="firstStrong"  
 tools:context=".MainActivity">  
  
 <Button  
 android:id="@+id/btn\_two"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="2"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.659"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.707" />  
  
 <Button  
 android:id="@+id/btn\_one"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="1"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.201"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.707" />  
  
 <Button  
 android:id="@+id/btn\_eql"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="="  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.659"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.56" />  
  
 <TextView  
 android:id="@+id/textView"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="CALCULATOR"  
 android:textColor="#E64A19"  
 android:textSize="34sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.498"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.109" />  
  
 <TextView  
 android:id="@+id/textView2"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Result"  
 android:textAlignment="center"  
 android:textSize="24sp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.046"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.261" />  
  
 <EditText  
 android:id="@+id/ET\_Result"  
 android:layout\_width="227dp"  
 android:layout\_height="111dp"  
 android:ems="10"  
 android:hint="Enter Number"  
 android:inputType="textPersonName"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.412"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.346" />  
  
 <Button  
 android:id="@+id/btn\_plus"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="+"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.179"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.56" />  
</androidx.constraintlayout.widget.ConstraintLayout>

**JAVA Code**

package com.example.calculator;  
  
import android.annotation.SuppressLint;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
public class  
MainActivity extends AppCompatActivity {  
 Button b1, b2, bplus, beql;  
 EditText ET\_Result;  
 Float v1, v2;  
 Boolean add;  
  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 b1 = (Button)findViewById(R.id.*btn\_one*);  
 b2 = (Button) findViewById(R.id.*btn\_two*);  
 bplus = (Button) findViewById(R.id.*btn\_plus*);  
 beql = (Button) findViewById(R.id.*btn\_eql*);  
 ET\_Result = (EditText) findViewById(R.id.*ET\_Result*);  
 b1.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 ET\_Result.setText(ET\_Result.getText()+"1");  
 }  
 });  
 b2.setOnClickListener(new View.OnClickListener() {  
 @SuppressLint("SetTextI18n")  
 @Override  
 public void onClick(View view) {  
 ET\_Result.setText(ET\_Result.getText()+"2");  
 }  
 });  
 bplus.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
  
 v1 = Float.*parseFloat*(ET\_Result.getText()+"");  
 add = true;  
 ET\_Result.setText(null);  
  
 }  
 });  
 beql.setOnClickListener(new View.OnClickListener() {  
 @Override  
 public void onClick(View view) {  
 v2 = Float.*parseFloat*(String.*valueOf*(ET\_Result.getText()));  
 if (add) {  
 ET\_Result.setText(v1+v2+"");  
 add = false;  
 }  
 }  
 });  
 }  
}