CALCULATOR

XML FILE:

<?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"

tools:context=".MainActivity">

<Button

android:id="@+id/btn7"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="8dp"

android:layout\_marginLeft="8dp"

android:text="7"

android:textSize="24sp"

app:layout\_constraintStart\_toEndOf="@+id/btn8"

app:layout\_constraintTop\_toTopOf="@+id/btn9" />

<Button

android:id="@+id/btn9"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="8dp"

android:layout\_marginLeft="8dp"

android:layout\_marginTop="440dp"

android:text="9"

android:textSize="24sp"

app:layout\_constraintEnd\_toStartOf="@+id/btn8"

app:layout\_constraintHorizontal\_bias="0.25"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

<Button

android:id="@+id/btn0"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="12dp"

android:text="0"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn3"

app:layout\_constraintTop\_toBottomOf="@+id/btn3" />

<Button

android:id="@+id/btn1"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="1"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn4"

app:layout\_constraintTop\_toTopOf="@+id/btn3" />

<Button

android:id="@+id/btn2"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="2"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn5"

app:layout\_constraintTop\_toTopOf="@+id/btn3" />

<Button

android:id="@+id/btnDot"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="."

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn2"

app:layout\_constraintTop\_toTopOf="@+id/btn0" />

<Button

android:id="@+id/btnEqu"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="="

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn1"

app:layout\_constraintTop\_toTopOf="@+id/btnDot" />

<Button

android:id="@+id/btn3"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="8dp"

android:text="3"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn9"

app:layout\_constraintTop\_toBottomOf="@+id/btn6" />

<Button

android:id="@+id/btn6"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginTop="8dp"

android:text="6"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn9"

app:layout\_constraintTop\_toBottomOf="@+id/btn9" />

<Button

android:id="@+id/btn5"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="5"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn8"

app:layout\_constraintTop\_toTopOf="@+id/btn6" />

<Button

android:id="@+id/btn4"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="4"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btn7"

app:layout\_constraintTop\_toTopOf="@+id/btn5" />

<Button

android:id="@+id/btn8"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginStart="105dp"

android:layout\_marginLeft="105dp"

android:text="8"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="@+id/btn9" />

<Button

android:id="@+id/btnAdd"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_marginEnd="16dp"

android:layout\_marginRight="16dp"

android:text="+"

android:textSize="24sp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="1.0"

app:layout\_constraintStart\_toEndOf="@+id/btn7"

app:layout\_constraintTop\_toTopOf="@+id/btn9" />

<Button

android:id="@+id/btnMin"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="-"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btnAdd"

app:layout\_constraintTop\_toTopOf="@+id/btn4" />

<Button

android:id="@+id/btnMul"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="\*"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btnMin"

app:layout\_constraintTop\_toTopOf="@+id/btn3" />

<Button

android:id="@+id/btnDiv"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="/"

android:textSize="24sp"

app:layout\_constraintStart\_toStartOf="@+id/btnMul"

app:layout\_constraintTop\_toTopOf="@+id/btnDot" />

<TextView

android:id="@+id/ans"

android:layout\_width="379dp"

android:layout\_height="229dp"

android:layout\_marginTop="40dp"

android:textSize="36sp"

app:layout\_constraintEnd\_toEndOf="parent"

app:layout\_constraintHorizontal\_bias="0.531"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

JAVA FILE

package com.example.calculator;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

import android.view.View;

import android.widget.Button;

import android.widget.TextView;

public class MainActivity extends AppCompatActivity {

Button b0,b1,b2,b3,b4,b5,b6,b7,b8,b9,badd,bmin,bdiv,bmul,bdot,bequ;

TextView ans;

double var1,var2;

boolean add,sub,mul,div;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

b0 = (Button)findViewById(R.id.btn0);

b1 = (Button)findViewById(R.id.btn1);

b2 = (Button)findViewById(R.id.btn2);

b3 = (Button)findViewById(R.id.btn3);

b4 = (Button)findViewById(R.id.btn4);

b5 = (Button)findViewById(R.id.btn5);

b6 = (Button)findViewById(R.id.btn6);

b7 = (Button)findViewById(R.id.btn7);

b8 = (Button)findViewById(R.id.btn8);

b9 = (Button)findViewById(R.id.btn9);

badd = (Button)findViewById(R.id.btnAdd);

bmin = (Button)findViewById(R.id.btnMin);

bdiv = (Button)findViewById(R.id.btnDiv);

bmul = (Button)findViewById(R.id.btnMul);

bdot = (Button)findViewById(R.id.btnDot);

bequ = (Button)findViewById(R.id.btnEqu);

ans = (TextView)findViewById(R.id.ans);

b1.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"1");

}

});

b2.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"2");

}

});

b3.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"3");

}

});

b4.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"4");

}

});

b5.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"5");

}

});

b6.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"6");

}

});

b7.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"7");

}

});

b8.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"8");

}

});

b9.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"9");

}

});

b0.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+"0");

}

});

bdot.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

ans.setText(ans.getText()+".");

}

});

badd.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

var1 = Double.parseDouble(ans.getText()+"");

add = true;

ans.setText(null);

}

});

bmin.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

var1 = Double.parseDouble(ans.getText()+"");

sub = true;

ans.setText(null);

}

});

bmul.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

var1 = Double.parseDouble(ans.getText()+"");

mul = true;

ans.setText(null);

}

});

bdiv.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

var1 = Double.parseDouble(ans.getText()+"");

div = true;

ans.setText(null);

}

});

bequ.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

var2 = Double.parseDouble(ans.getText()+"");

if(add==true)

{

ans.setText(var1+var2+"");

add=false;

}

if(sub==true)

{

ans.setText(var1-var2+"");

sub=false;

}

if(mul==true)

{

ans.setText(var1\*var2+"");

mul=false;

}

if(div==true)

{

ans.setText(var1/var2+"");

div=false;

}

}

});

}

}

ANDROID : CALCULATOR ​(This code works for one digit numbers only) MainActivity.xml: <? ​ xml version=​"1.0" ​encoding=​"utf-8"​?> <​android.support.constraint.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" ​tools​:context=​".MainActivity"​>

<​EditText ​android​:id=​"@+id/output" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"28dp" ​android​:ems=​"10" ​android​:inputType=​"textPersonName" ​android​:text=​"" ​app​:layout\_constraintEnd\_toEndOf=​"parent" ​app​:layout\_constraintStart\_toStartOf=​"parent" ​app​:layout\_constraintTop\_toTopOf=​"parent" ​/>

<​Button ​android​:id=​"@+id/plus" ​android​:layout\_width=​"0dp" ​android​:layout\_height=​"44dp" ​android​:layout\_marginStart=​"16dp" ​android​:layout\_marginLeft=​"16dp" ​android​:layout\_marginEnd=​"28dp" ​android​:layout\_marginRight=​"28dp" ​android​:text=​"+" ​app​:layout\_constraintBaseline\_toBaselineOf=​"@+id/minus" ​app​:layout\_constraintEnd\_toStartOf=​"@+id/minus" ​app​:layout\_constraintStart\_toStartOf=​"parent" ​/>

<​Button ​android​:id=​"@+id/minus" ​android​:layout\_width=​"0dp" ​android​:layout\_height=​"49dp" ​android​:layout\_marginTop=​"21dp" ​android​:layout\_marginEnd=​"32dp" ​android​:layout\_marginRight=​"32dp" ​android​:layout\_marginBottom=​"36dp" ​android​:text=​"-"

​app​:layout\_constraintBottom\_toTopOf=​"@+id/num2" ​app​:layout\_constraintEnd\_toStartOf=​"@+id/mul" ​app​:layout\_constraintStart\_toEndOf=​"@+id/plus" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/output" ​/>

<​Button ​android​:id=​"@+id/mul" ​android​:layout\_width=​"0dp" ​android​:layout\_height=​"45dp" ​android​:layout\_marginEnd=​"37dp" ​android​:layout\_marginRight=​"37dp" ​android​:text=​"\*" ​app​:layout\_constraintBaseline\_toBaselineOf=​"@+id/minus" ​app​:layout\_constraintEnd\_toStartOf=​"@+id/div" ​app​:layout\_constraintStart\_toEndOf=​"@+id/minus" ​/>

<​Button ​android​:id=​"@+id/div" ​android​:layout\_width=​"0dp" ​android​:layout\_height=​"0dp" ​android​:layout\_marginEnd=​"30dp" ​android​:layout\_marginRight=​"30dp" ​android​:text=​"/" ​app​:layout\_constraintBottom\_toBottomOf=​"@+id/mul" ​app​:layout\_constraintEnd\_toEndOf=​"parent" ​app​:layout\_constraintStart\_toEndOf=​"@+id/mul" ​app​:layout\_constraintTop\_toTopOf=​"@+id/mul" ​/>

<​Button ​android​:id=​"@+id/num1" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginStart=​"16dp" ​android​:layout\_marginLeft=​"16dp" ​android​:layout\_marginTop=​"36dp" ​android​:text=​"1" ​app​:layout\_constraintStart\_toStartOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/minus" ​/>

<​Button ​android​:id=​"@+id/equal" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"31dp" ​android​:layout\_marginEnd=​"30dp" ​android​:layout\_marginRight=​"30dp" ​android​:text=​"=" ​app​:layout\_constraintEnd\_toEndOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num9" ​/>

<​Button ​android​:id=​"@+id/num0" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"24dp" ​android​:text=​"0" ​app​:layout\_constraintStart\_toStartOf=​"@+id/num8" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num8" ​/>

<​Button ​android​:id=​"@+id/num8" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"40dp" ​android​:text=​"8" ​app​:layout\_constraintStart\_toStartOf=​"@+id/num5" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num5" ​/>

<​Button ​android​:id=​"@+id/clear" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginStart=​"16dp" ​android​:layout\_marginLeft=​"16dp" ​android​:layout\_marginTop=​"22dp" ​android​:text=​"C" ​app​:layout\_constraintStart\_toStartOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num7" ​/>

<​Button ​android​:id=​"@+id/num9" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"33dp" ​android​:layout\_marginEnd=​"30dp" ​android​:layout\_marginRight=​"30dp" ​android​:text=​"9" ​app​:layout\_constraintEnd\_toEndOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num6" ​/>

<​Button ​android​:id=​"@+id/num4" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginStart=​"16dp" ​android​:layout\_marginLeft=​"16dp" ​android​:layout\_marginTop=​"26dp" ​android​:text=​"4" ​app​:layout\_constraintStart\_toStartOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num1" ​/>

<​Button ​android​:id=​"@+id/num7" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginStart=​"16dp" ​android​:layout\_marginLeft=​"16dp" ​android​:layout\_marginTop=​"40dp" ​android​:text=​"7" ​app​:layout\_constraintStart\_toStartOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num4" ​/>

<​Button ​android​:id=​"@+id/num6" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"33dp" ​android​:layout\_marginEnd=​"30dp" ​android​:layout\_marginRight=​"30dp" ​android​:text=​"6" ​app​:layout\_constraintEnd\_toEndOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num3" ​/>

<​Button ​android​:id=​"@+id/num5" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"26dp" ​android​:text=​"5" ​app​:layout\_constraintStart\_toStartOf=​"@+id/num2" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/num2" ​/>

<​Button ​android​:id=​"@+id/num2" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginStart=​"37dp" ​android​:layout\_marginLeft=​"37dp" ​android​:layout\_marginTop=​"106dp" ​android​:text=​"2" ​app​:layout\_constraintStart\_toStartOf=​"@+id/minus" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/output" ​/>

<​Button ​android​:id=​"@+id/num3" ​android​:layout\_width=​"wrap\_content" ​android​:layout\_height=​"wrap\_content" ​android​:layout\_marginTop=​"42dp" ​android​:layout\_marginEnd=​"30dp" ​android​:layout\_marginRight=​"30dp"

​android​:text=​"3" ​app​:layout\_constraintEnd\_toEndOf=​"parent" ​app​:layout\_constraintTop\_toBottomOf=​"@+id/div" ​/>

</​android.support.constraint.ConstraintLayout​> MainActivity.java:

package ​com.example.calculatormcc;

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.Toast;

public class ​MainActivity ​extends ​AppCompatActivity { ​Button ​num1​, ​num2​, ​num3​, ​num4​, ​num5​, ​num6​, ​num7​, ​num8​, ​num9​, ​num0​, ​plus​, ​minus​, mul​, ​div​, ​equal​,​clear​; EditText ​output​; String ​curr​; ​int ​ip1​, ​ip2​; String ​op​;

​@Override ​protected void ​onCreate(Bundle savedInstanceState) { ​super​.onCreate(savedInstanceState); setContentView(R.layout.​activity\_main ​ );

​num0 ​= findViewById(R.id.​num0 ​ ); ​num1 ​= findViewById(R.id.​num1 ​ ); ​num2 ​= findViewById(R.id.​num2 ​ ); ​num3 ​= findViewById(R.id.​num3 ​ ); ​num4 ​= findViewById(R.id.​num4 ​ ); ​num5 ​= findViewById(R.id.​num5 ​ ); ​num6 ​= findViewById(R.id.​num6 ​ ); ​num7 ​= findViewById(R.id.​num7 ​ ); ​num8 ​= findViewById(R.id.​num8 ​ ); ​num9 ​= findViewById(R.id.​num9 ​ ); ​equal ​= findViewById(R.id.​equal ​ ); ​plus ​= findViewById(R.id.​plus ​ ); ​minus ​= findViewById(R.id.​minus ​ ); ​mul ​= findViewById(R.id.​mul ​ ); ​div ​= findViewById(R.id.​div ​ ); ​clear ​= findViewById(R.id.​clear ​ ); ​output ​= findViewById(R.id.​output ​ ); //similar function for all ​ ​num0​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View v) {

​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'0'​; ​output​.setText(​curr​);

}

});

​num1​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'1'​; ​output​.setText(​curr​); } });

​num2​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'2'​; ​output​.setText(​curr​); } });

​num3​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'3'​; ​output​.setText(​curr​); } });

​num4​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'4'​; ​output​.setText(​curr​); } });

​num5​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'5'​; ​output​.setText(​curr​); }

});

​num6​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'6'​; ​output​.setText(​curr​); } });

​num7​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'7'​; ​output​.setText(​curr​); } });

​num8​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'8'​; ​output​.setText(​curr​); } });

​num9​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'9'​; ​output​.setText(​curr​); } });

​plus​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'+'​; ​output​.setText(​curr​); } });

​minus​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) {

​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'-'​; ​output​.setText(​curr​); } });

​mul​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'\*'​; ​output​.setText(​curr​); } });

​div​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​curr ​= ​output​.getText().toString(); ​curr​=​curr​+​'/'​; ​output​.setText(​curr​); } });

​clear​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) { ​output​.setText(​""​); } });

​equal​.setOnClickListener(​new ​View.OnClickListener() { ​@Override ​public void ​onClick(View view) {

​ ​curr ​= ​output​.getText().toString(); ​if ​(​curr​.length()>​3​) { Toast.​makeText ​ (getApplicationContext(), ​"Please enter two operands only!"​, Toast.​LENGTH\_LONG ​ ).show(); } ​else ​{ ​ip1 ​= Integer.​parseInt ​ (​curr​.substring(​0​,​1​)); ​ip2 ​= Integer.​parseInt ​ (​curr​.substring(​2​,​3​)); ​op ​= ​curr​.substring(​1​,​2​);

​switch​(​op​) { ​case ​"+" ​: ​output​.setText(​ip1​+​ip2​+​""​); ​break​;

​case ​"-" ​: ​output​.setText(​ip1​-​ip2​+​""​); ​break​; ​case ​"\*" ​: ​output​.setText(​ip1​\*​ip2​+​""​); ​break​; ​case ​"/" ​: ​output​.setText(​ip1​/​ip2​+​""​); ​break​; }

} } });

} }