**Source code for Greater Number**

**Mainactivity.java File**

package com.example.greaternumber;

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 MainActivity extends AppCompatActivity {

private EditText mEditText1;

private EditText mEditText2;

private EditText medittext3;

private TextView mTextViewResult;

private Button mbuttongreater;

private Button mbuttonless;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

mEditText1 = findViewById(R.id.edittext\_number\_1);

mEditText2 = findViewById(R.id.edittext\_number\_2);

medittext3 = findViewById(R.id.edittext\_number\_3);

mTextViewResult = findViewById(R.id.textview\_result);

mbuttongreater = findViewById(R.id.button1);

mbuttonless = findViewById(R.id.button2);

mbuttongreater.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int val1 = Integer.parseInt(mEditText1.getText().toString());

int val2 = Integer.parseInt(mEditText2.getText().toString());

int val3 = Integer.parseInt(medittext3.getText().toString());

if (val1 > val2 && val1 > val3)

mTextViewResult.setText(val1 + "is max");

else if (val2 > val3)

mTextViewResult.setText(val2 + "is max");

else

mTextViewResult.setText(val3 + "is max");

}

});

mbuttonless.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View v) {

int val1 = Integer.parseInt(mEditText1.getText().toString());

int val2 = Integer.parseInt(mEditText2.getText().toString());

int val3 = Integer.parseInt(medittext3.getText().toString());

if (val1 < val2 && val1 < val3)

mTextViewResult.setText(val1 + "is less");

else if (val2 < val3)

mTextViewResult.setText(val2 + "is less");

else

mTextViewResult.setText(val3 + "is less");

}

});

}

}

**Activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>

<RelativeLayout 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:padding="16dp"

tools:context="com.codinginflow.greaternumber.MainActivity">

<EditText

android:id="@+id/edittext\_number\_1"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/edittext\_number\_1"

android:layout\_alignParentStart="true"

android:inputType="number" />

<EditText

android:id="@+id/edittext\_number\_2"

android:layout\_width="400dp"

android:layout\_height="100dp"

android:layout\_below="@+id/edittext\_number\_2"

android:layout\_alignParentStart="true"

android:inputType="number" />

<EditText

android:id="@+id/edittext\_number\_3"

android:layout\_width="351dp"

android:layout\_height="35dp"

android:layout\_below="@+id/edittext\_number\_3"

android:layout\_alignParentStart="true"

android:layout\_marginStart="44dp"

android:inputType="number" />

<TextView

android:id="@+id/textview\_result"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:layout\_below="@+id/edittext\_number\_2"

android:layout\_centerHorizontal="true"

android:layout\_marginTop="16dp"

android:text="0"

android:textColor="@android:color/black"

android:textSize="50sp" />

<Button

android:id="@+id/button1"

android:layout\_width="217dp"

android:layout\_height="24dp"

android:text="Greater" />

<Button

android:id="@+id/button2"

android:layout\_width="74dp"

android:layout\_height="0dp"

android:layout\_centerInParent="true"

android:rotationX="4"

android:text="Less" />

</RelativeLayout>