**ANDROID LAB**

**NAME: Vishnu Mohan**

**Roll No: 51**

**Batch: R MCA-B**

**Date:**

**Experiment No.: 1**

**Aim**

Design a simple calculator, and set properties using .xml file

**Program**

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

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

   android:orientation="vertical"

   android:layout\_width="fill\_parent"

   android:layout\_height="fill\_parent">

   <LinearLayout

       android:layout\_width="fill\_parent"

       android:layout\_height="99dp"

       android:orientation="vertical" android:layout\_weight="0.67">

       <TextView

           android:id="@+id/txtSolution"

           android:layout\_width="fill\_parent"

           android:layout\_height="272dp"

           android:layout\_weight="0.50"

           android:gravity="right"

           android:paddingTop="5sp"

           android:paddingRight="10sp"

           android:textSize="15pt"

           android:textStyle="bold" />

       <TextView

           android:id="@+id/txtInput"

           android:layout\_width="match\_parent"

           android:layout\_height="wrap\_content"

           android:layout\_weight="0.50"

           android:gravity="right"

           android:paddingRight="10sp"

           android:paddingTop="5sp"

           android:textSize="15pt"

           android:textStyle="bold" />

   </LinearLayout>

   <LinearLayout

       android:layout\_width="fill\_parent"

       android:layout\_height="75dp"

       android:orientation="horizontal" >

       <Button

           android:id="@+id/btnClear"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="5"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="AC" />

       <Button

           android:id="@+id/btnBack"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight=".51"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="C" />

   </LinearLayout>

   <LinearLayout

       android:layout\_width="fill\_parent"

       android:layout\_height="75dp"

       android:orientation="horizontal" >

       <Button

           android:id="@+id/btnSeven"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="1" />

       <Button

           android:id="@+id/btnEight"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="2" />

       <Button

           android:id="@+id/btnNine"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="3" />

       <Button

           android:id="@+id/btnDivide"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1.15"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="X" />

   </LinearLayout>

   <LinearLayout

       android:layout\_width="fill\_parent"

       android:layout\_height="75dp"

       android:orientation="horizontal" >

       <Button

           android:id="@+id/btnFour"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textSize="40sp"

           android:textStyle="bold"

           android:text="4" />

       <Button

           android:id="@+id/btnFive"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="5" />

       <Button

           android:id="@+id/btnSix"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="6" />

       <Button

           android:id="@+id/btnMultiply"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight=".98"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="/" />

   </LinearLayout>

   <LinearLayout

       android:layout\_width="fill\_parent"

       android:layout\_height="75dp"

       android:orientation="horizontal" >

       <Button

           android:id="@+id/btnOne"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="7" />

       <Button

           android:id="@+id/btnTwo"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="8" />

       <Button

           android:id="@+id/btnThree"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="9" />

       <Button

           android:id="@+id/btnSubtract"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1.27"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="+" />

   </LinearLayout>

   <LinearLayout

       android:layout\_width="fill\_parent"

       android:layout\_height="75dp"

       android:orientation="horizontal" >

       <Button

           android:id="@+id/btnDecimal"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight="1.22"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="." />

       <Button

           android:id="@+id/btnZero"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight=".98"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="0" />

       <Button

           android:id="@+id/btnEquals"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight=".95"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="=" />

       <Button

           android:id="@+id/btnAdd"

           android:layout\_width="wrap\_content"

           android:layout\_height="75dp"

           android:layout\_weight=".93"

           android:textStyle="bold"

           android:textSize="40sp"

           android:text="-" />

   </LinearLayout>

</LinearLayout>

**OUTPUT**

