USN: 1NT20IS400 NAME: ADARSH ED C3 BATCH

## BASIC CALCULATOR

## **XMLCODE**

android:layout\_weight="1"

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</p>
xmlns:app="http://schemas.android.com/apk/res-auto"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout height="wrap content"
android:orientation="vertical"
tools:context=".MainActivity" >
<EditText
android:id="@+id/editText"
android:layout_width="match_parent"
android:layout_height="213dp"
android:background="@color/cardview_dark_background"
android:ems="10"
android:gravity="right|center"
android:inputType="textPersonName"
android:text="0"
android:textSize="40pt" />
<TableLayout
android:layout width="match parent"
android:layout_height="wrap_content">
<TableRow
android:layout width="match parent"
android:layout height="match parent">
android:id="@+id/but ac"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="acEvent"
android:text="AC" />
<Button
android:id="@+id/but plus minus"
android:lavout width="30pt"
android:layout height="30pt"
android:lavout marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="numberEvent"
android:text="+/-" />
<Button
android:id="@+id/but slash"
android:layout width="30pt"
android:layout_height="30pt"
android:layout marginTop="1pt"
android:layout_marginRight="1pt"
```

```
android:onClick="percentEvent"
android:text="%" />
<Button
android:id="@+id/but dot"
android:layout width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="numberEvent"
android:text="."/>
</TableRow>
<TableRow
android:layout width="match parent"
android:layout height="wrap content">
<Button
android:id="@+id/but 7"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="numberEvent"
android:text="7" />
<Button
android:id="@+id/but 8"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout weight="1"
android:onClick="numberEvent"
android:text="8" />
<Button
android:id="@+id/but 9"
android:layout width="30pt"
android:layout height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout weight="1"
android:onClick="numberEvent"
android:text="9" />
<Button
android:id="@+id/but divide"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout weight="1"
android:onClick="operatorEvent"
android:text="/" />
</TableRow>
<TableRow
android:layout width="match parent"
android:layout height="wrap content" >
android:id="@+id/but 4"
android:layout width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
```

```
android:layout_marginRight="1pt"
android:layout weight="1"
android:onClick="numberEvent"
android:text="4" />
<Button
android:id="@+id/but 5"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout weight="1"
android:onClick="numberEvent"
android:text="5" />
<Button
android:id="@+id/but 6"
android:layout width="30pt"
android:layout height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="numberEvent"
android:text="6" />
<Button
android:id="@+id/but plus"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="operatorEvent"
android:text="+" />
</TableRow>
<TableRow
android:layout width="match parent"
android:layout height="wrap content" >
<Button
android:id="@+id/but 1"
android:layout width="30pt"
android:layout_height="30pt"
android:layout marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="numberEvent"
android:text="1" />
<Button
android:id="@+id/but 2"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="numberEvent"
android:text="2" />
<Button
android:id="@+id/but 3"
android:layout width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
```

```
android:onClick="numberEvent"
android:text="3" />
<Button
android:id="@+id/but minus"
android:layout_width="30pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="operatorEvent"
android:text="-" />
</TableRow>
<TableRow
android:layout width="match parent"
android:layout height="wrap content">
<Button
android:id="@+id/but 0"
android:layout_width="45pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="2"
android:onClick="numberEvent"
android:text="0" />
<Button
android:id="@+id/but equals"
android:layout_width="45pt"
android:layout_height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout weight="2"
android:onClick="equalEvent"
android:text="=" />
<Button
android:id="@+id/but star"
android:layout width="30pt"
android:layout height="30pt"
android:layout_marginTop="1pt"
android:layout_marginRight="1pt"
android:layout_weight="1"
android:onClick="operatorEvent"
android:text="*"/>
</TableRow>
</TableLayout>
```

## </LinearLayout>

