LAB 4

Task # 01: Create vertical linear layout also apply weights.

```
XML CODE:
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</p>
                                                                      OUTPUT:
  xmlns:app="http://schemas.android.com/apk/res-auto"
  xmlns:tools="http://schemas.android.com/tools"
                                                                    Weight: 2
  android:layout width="match parent"
  android:layout_height="match_parent"
  tools:context=".MainActivity"
  android:orientation="vertical">
  <TextView
   android:id="@+id/login"
   android:layout_width="match_parent"
   android:layout_height="wrap_content"
   android:text="Weight: 2"
   android:layout weight="2"
                                                                    Veight: 1
   android:background="@color/purple_200"
   android:textSize="30sp"/>
  <TextView
   android:layout width="match parent"
   android:layout_height="wrap_content"
   android:text="Weight: 1"
   android:layout_weight="1"
   android:background="@color/design_default_color_primary_dark"
   android:textSize="30sp"/>
  <TextView
   android:layout_width="match_parent"
   android:layout height="wrap content"
   android:background="@color/teal_700"
   android:text="Weight: 1"
   android:layout_weight="1"
   android:textSize="30sp"/>
</LinearLayout>
Task # 02: Implement the design given below by using LinearLayout.
XML CODE:
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"</pre>
    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"
    android:orientation="vertical">
```

```
<LinearLayout</pre>
    android:layout width="match parent"
    android:layout height="wrap content"
    android:orientation="horizontal"
    android:layout weight="2">
    <EditText
        android:id="@+id/editTextTextPersonName"
        android:layout width="wrap content"
        android:layout height="match parent"
        android: ems="10"
        android:layout weight="3"
        android:inputType="text"
        android:text="0"
        android: textSize="20sp"
        android:gravity="right"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="C"
        android:layout weight="1"
        android:textSize="20sp"/>
</LinearLayout>
<LinearLayout
    android:layout_width="match parent"
    android:layout height="wrap content"
    android:orientation="horizontal"
    android:layout weight="1">
    <Button
        android:layout_width="wrap_content"
        android:layout height="match parent"
        android:text="7"
        android: textSize="20sp"
        android:layout weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="8"
        android: textSize="20sp"
        android:layout weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android: text="9"
        android: textSize="20sp"
        android:layout weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="+"
        android:textSize="20sp"
        android:layout weight="1"/>
</LinearLayout>
<LinearLayout</pre>
    android:layout width="match parent"
    android:layout height="wrap content"
    android:orientation="horizontal"
    android:layout_weight="1">
```

```
<Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="4"
        android: textSize="20sp"
        android:layout weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match_parent"
        android:text="5"
        android: textSize="20sp"
        android:layout_weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="6"
        android: textSize="20sp"
        android:layout weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="-"
        android: textSize="20sp"
        android:layout weight="1"/>
</LinearLayout>
<LinearLayout
    android:layout width="match parent"
    android:layout height="wrap content"
    android:orientation="horizontal"
    android:layout weight="1">
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="1"
        android: textSize="20sp"
        android:layout weight="1"/>
    <Button
        android:layout_width="wrap_content"
        android:layout height="match parent"
        android:text="2"
        android: textSize="20sp"
        android:layout weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="3"
        android:textSize="20sp"
        android:layout_weight="1"/>
    <Button
        android:layout width="wrap content"
        android:layout height="match parent"
        android:text="*"
        android:textSize="20sp"
        android:layout weight="1"/>
</LinearLayout>
<LinearLayout</pre>
    android:layout width="match parent"
```

```
android:layout weight="1">
        <Button
            android:layout width="wrap content"
            android:layout height="match parent"
            android:text="."
            android:textSize="20sp"
            android:layout weight="1"/>
        <Button
android:layout_width="wrap_content"
android:layout_height="match_parent"
            android:text="0"
            android:textSize="20sp"
            android:layout weight="1"/>
        <Button
android:layout width="wrap content"
android:layout_height="match_parent"
            android:text="="
            android:textSize="20sp"
            android:layout weight="1"/>
        <Button
android:layout_width="wrap_content"
android:layout_height="match parent"
            android:text="/"
            android:textSize="20sp"
            android:layout weight="1"/>
    </LinearLayout>
</LinearLayout>
```

android:layout_height="wrap_content"
android:orientation="horizontal"

OUTPUT:

