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

**XML FILE:**

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

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

xmlns:tools="http://schemas.android.com/tools"

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

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:orientation="vertical"

tools:context=".MainActivity">

<EditText

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="2"

android:text="This is layout first with 50% width and height"

android:background="#FFFF00"

/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="1"

android:text="This is layout second with 25% width and height"

android:background="#0000FF"

/>

<EditText

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="1"

android:text="This is layout third with 25% width and height"

android:background="#00FA9A"

/>

</LinearLayout>



**Task # 02: Implement the design given below by using LinearLayout.**

**XML FILE:**

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

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

xmlns:tools="http://schemas.android.com/tools"

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

android:layout\_width="match\_parent"

android:layout\_height="match\_parent"

android:paddingLeft="10dp"

android:paddingRight="10dp"

android:orientation="vertical"

tools:context=".MainActivity">

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="1"

android:orientation="horizontal">

<EditText

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="3"

android:hint="0"

android:gravity="right|bottom"

android:textSize="60dp"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="C"

/>

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="1"

android:orientation="horizontal">

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="7"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="8"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="9"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="+"

/>

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="1"

android:orientation="horizontal">

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="4"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="5"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="6"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="-"

/>

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="1"

android:orientation="horizontal">

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="1"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="2"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="3"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="\*"

/>

</LinearLayout>

<LinearLayout

android:layout\_width="match\_parent"

android:layout\_height="0dp"

android:layout\_weight="1"

android:orientation="horizontal">

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="."

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="0"

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="="

/>

<Button

android:layout\_width="0dp"

android:layout\_height="match\_parent"

android:layout\_weight="1"

android:text="/"

/>

</LinearLayout>

</LinearLayout>

