**Assignment 3.1**

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Batch: Android Development started from 23rd Sep 2017

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Problem Statement:

Design the VIBGYOR screen using linear layout like below



Output:

* I have created the UI using Linear Layout Vertical
* The Linear Layout contains Textview.
* Background property has been set with the color

Code

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| **activity\_main.xml** |
| *<?***xml version="1.0" encoding="utf-8"***?>* <**android.support.constraint.ConstraintLayout 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"  tools:context="com.example.nikhil.myapp.MainActivity"**>   <**LinearLayout  android:layout\_width="380dp"  android:layout\_height="508dp"  android:orientation="vertical"  android:weightSum="1"  tools:layout\_editor\_absoluteX="2dp"  tools:layout\_editor\_absoluteY="2dp"  android:id="@+id/linearLayout"**>   <**TextView  android:id="@+id/textView3"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_weight="0.21"  android:editable="false"  android:text="Red"  android:textAlignment="center"  android:textAllCaps="true"  android:textSize="30sp"  android:textStyle="bold"  tools:background="@android:color/holo\_red\_dark"** />   <**TextView  android:id="@+id/textView4"  android:layout\_width="match\_parent"  android:layout\_height="59dp"  android:editable="false"  android:text="Orange"  android:textAlignment="center"  android:textAllCaps="true"  android:textSize="30sp"  android:textStyle="bold"  tools:background="@android:color/holo\_orange\_dark"  android:layout\_weight="0.10"** />   <**TextView  android:id="@+id/textView5"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_weight="0.16"  android:editable="false"  android:text="Yellow"  android:textAlignment="center"  android:textAllCaps="true"  android:textSize="30sp"  android:textStyle="bold"  tools:background="@android:color/holo\_orange\_light"** />   <**TextView  android:id="@+id/textViewGreen"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_weight="0.16"  android:editable="false"  android:text="Green"  android:textAlignment="center"  android:textAllCaps="true"  android:textSize="30sp"  android:textStyle="bold"  tools:background="@android:color/holo\_green\_dark"** />   <**TextView  android:id="@+id/textView8"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_weight="0.17"  android:editable="false"  android:text="Blue"  android:textAlignment="center"  android:textAllCaps="true"  android:textSize="30sp"  android:textStyle="bold"  tools:background="@android:color/holo\_blue\_dark"** />   <**TextView  android:id="@+id/textView9"  android:layout\_width="match\_parent"  android:layout\_height="wrap\_content"  android:layout\_weight="0.19"  android:editable="true"  android:text="Indigo"  android:textAlignment="center"  android:textAllCaps="true"  android:textSize="30sp"  android:textStyle="bold"  tools:background="#4b0082"  tools:editable="true"** />   <**TextView  android:id="@+id/textView10"  android:layout\_width="match\_parent"  android:layout\_height="56dp"  android:editable="true"  android:text="Violet"  android:textAlignment="center"  android:textAllCaps="true"  android:textSize="30sp"  android:textStyle="bold"  tools:background="#800080"  tools:editable="true"** />   </**LinearLayout**>  </**android.support.constraint.ConstraintLayout**> |
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