**PRACTICAL-5**

**AIM:**

**Implement the following layout using Linear Layout.**



**PROGRAM CODE:**

* **Activity\_main.xml:**

*<?*xml version="1.0" encoding="utf-8"*?>*<LinearLayout 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=".MainActivity"  
 android:orientation="vertical">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:background="#ED4F85"  
 android:gravity="center">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="1"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#8BC34A"  
 android:layout\_weight="1"  
 android:gravity="center">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="2"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#FFC107"  
 android:layout\_weight="1"  
 android:gravity="center">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="3"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#E91E36"  
 android:layout\_weight="1"  
 android:gravity="center">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="4"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
  
 </LinearLayout>  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_weight="1">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#B698ED"  
 android:layout\_weight="1"  
 android:gravity="center">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="5"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#27B7F8"  
 android:layout\_weight="2"  
 android:gravity="center">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="6"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
 </LinearLayout>  
 </LinearLayout>  
 </LinearLayout>  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_weight="1">  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:orientation="vertical">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_weight="1">  
 <LinearLayout  
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 android:layout\_height="match\_parent"  
 android:background="#B698ED"  
 android:layout\_weight="1"  
 android:gravity="center">  
 <TextView  
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 android:layout\_height="wrap\_content"  
 android:text="5"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#27B7F8"  
 android:layout\_weight="2"  
 android:gravity="center">  
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 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="6"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
 </LinearLayout>  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:orientation="horizontal">  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#8BC34A"  
 android:layout\_weight="1"  
 android:gravity="center">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="2"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#FFC107"  
 android:layout\_weight="1"  
 android:gravity="center">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="3"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
  
 </LinearLayout>  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:background="#E91E36"  
 android:layout\_weight="1"  
 android:gravity="center">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="4"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
  
 </LinearLayout>  
 </LinearLayout>  
 </LinearLayout>  
  
 <LinearLayout  
 android:layout\_width="wrap\_content"  
 android:layout\_height="match\_parent"  
 android:layout\_weight="1"  
 android:background="#ED4F85"  
 android:gravity="center">  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="1"  
 android:textColor="@color/white"  
 android:textSize="50dp"  
 tools:ignore="HardcodedText,SpUsage" />  
  
 </LinearLayout>  
 </LinearLayout>  
</LinearLayout>

**OUTPUT:**

