**PR-5**

**5 Develop a program to implement relative layout.**

**XML Code**

<?xml version="1.0" encoding="utf-8"?>  
<RelativeLayout 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">  
  
 <TextView  
 android:id="@+id/topLeft"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginTop="16dp"  
 android:padding="16dp"  
 android:background="#FFEB3B"  
 android:text="Top-Left" />  
  
 <TextView  
 android:id="@+id/topRight"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentTop="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginTop="16dp"  
 android:layout\_marginEnd="16dp"  
 android:padding="16dp"  
 android:background="#4CAF50"  
 android:text="Top-Right" />  
  
 <TextView  
 android:id="@+id/bottomLeft"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentStart="true"  
 android:layout\_marginStart="16dp"  
 android:layout\_marginBottom="16dp"  
 android:padding="16dp"  
 android:background="#F44336"  
 android:text="Bottom-Left" />  
  
 <TextView  
 android:id="@+id/bottomRight"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_alignParentBottom="true"  
 android:layout\_alignParentEnd="true"  
 android:layout\_marginEnd="16dp"  
 android:layout\_marginBottom="16dp"  
 android:padding="16dp"  
 android:background="#2196F3"  
 android:text="Bottom-Right" />  
  
 <TextView  
 android:id="@+id/centerHorizontal"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="100dp"  
 android:padding="16dp"  
 android:background="#9C27B0"  
 android:text="Center Horizontal" />  
  
 <TextView  
 android:id="@+id/centerVertical"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_centerVertical="true"  
 android:layout\_marginStart="16dp"  
 android:padding="16dp"  
 android:background="#00BCD4"  
 android:text="Left of Center Vertical" />  
  
 <TextView  
 android:id="@+id/toRightOfCenterVertical"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_toEndOf="@+id/centerVertical"  
 android:layout\_alignTop="@+id/centerVertical"  
 android:layout\_marginStart="16dp"  
 android:padding="16dp"  
 android:background="#009688"  
 android:text="Right of Center Vertical" />  
</RelativeLayout>