Jhed Ross Steven C. Bunagan

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Block02

Activity main

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:tools="http://schemas.android.com/tools"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:weightSum="100"  
 tools:context=".MainActivity">  
  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="0px"  
 android:layout\_weight="30"  
 android:weightSum="10"  
 android:background="@android:color/holo\_blue\_bright">  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="small"  
 android:id="@+id/button\_small"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="0dp"  
 android:layout\_height="match\_parent"  
 android:text="BIG"  
 android:layout\_weight="5"  
 android:id="@+id/button\_big"  
 android:background="#979797" />  
 </LinearLayout>  
  
 <RelativeLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="0px"  
 android:layout\_weight="70"  
 android:background="@drawable/compass">  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="NORTH"  
 android:id="@+id/button\_north"  
 android:layout\_alignParentTop="true"  
 android:layout\_centerHorizontal="true"  
 android:layout\_marginTop="47dp"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SOUTH"  
 android:id="@+id/button\_south"  
 android:layout\_alignParentBottom="true"  
 android:layout\_centerHorizontal="true"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="EAST"  
 android:id="@+id/button\_east"  
 android:layout\_centerVertical="true"  
 android:layout\_alignParentRight="true"  
 android:layout\_alignParentEnd="true"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="WEST"  
 android:id="@+id/button\_west"  
 android:layout\_centerVertical="true"  
 android:layout\_alignParentLeft="true"  
 android:layout\_alignParentStart="true"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="CENTER"  
 android:id="@+id/button\_center"  
 android:layout\_centerVertical="true"  
 android:layout\_centerHorizontal="true"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="NE"  
 android:id="@+id/button\_ne"  
 android:layout\_below="@id/button\_north"  
 android:layout\_above="@id/button\_east"  
 android:layout\_toRightOf="@id/button\_north"  
 android:layout\_toLeftOf="@id/button\_east"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SE"  
 android:id="@+id/button\_se"  
 android:layout\_below="@id/button\_east"  
 android:layout\_above="@id/button\_south"  
 android:layout\_toRightOf="@id/button\_south"  
 android:layout\_toLeftOf="@id/button\_east"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SW"  
 android:id="@+id/button\_sw"  
 android:layout\_below="@id/button\_west"  
 android:layout\_above="@id/button\_south"  
 android:layout\_toRightOf="@id/button\_west"  
 android:layout\_toLeftOf="@id/button\_south"  
 android:background="#979797" />  
  
 <Button  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="NW"  
 android:id="@+id/button\_nw"  
 android:layout\_below="@id/button\_north"  
 android:layout\_above="@id/button\_west"  
 android:layout\_toRightOf="@id/button\_west"  
 android:layout\_toLeftOf="@id/button\_north"  
 android:background="#979797" />  
  
 </RelativeLayout>  
  
</LinearLayout>

Main\_Activity

package com.example.block03;  
  
import android.support.v7.app.AppCompatActivity;  
import android.os.Bundle;  
import android.widget.Button;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 }  
}

