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=".MainActivity"**>

*<!-- https://developer.android.com/reference/android/widget/HorizontalScrollView -->*

<**TextView**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:textAppearance="?android:attr/textAppearanceSmall"**

**android:text="Horizontal ScrollView Example"**

**android:id="@+id/textView"**

**android:layout\_alignParentTop="true"**

**android:layout\_centerHorizontal="true"** />

<**LinearLayout**

**android:layout\_width="match\_parent"**

**android:layout\_height="match\_parent"**

**android:layout\_marginTop="25dp"**>

<**HorizontalScrollView**

**android:layout\_width="match\_parent"**

**android:layout\_height="60dp"**

**android:id="@+id/horizontalScrollView"**>

<**LinearLayout**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:orientation="horizontal"**>

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button1"**

**android:id="@+id/button1"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button2"**

**android:id="@+id/button2"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button3"**

**android:id="@+id/button3"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button4"**

**android:id="@+id/button4"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button5"**

**android:id="@+id/button5"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button6"**

**android:id="@+id/button6"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button7"**

**android:id="@+id/button7"** />

<**Button**

**android:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:text="New Button8"**

**android:id="@+id/button8"**/>

</**LinearLayout**>

</**HorizontalScrollView**>

</**LinearLayout**>

</**android.support.constraint.ConstraintLayout**>

Vertical\_scroll\_view.xml

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

<**android.widget.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:layout\_width="wrap\_content"**

**android:layout\_height="wrap\_content"**

**android:textAppearance="?android:attr/textAppearanceMedium"**

**android:text="Vertical ScrollView example"**

**android:id="@+id/textView"**

**android:layout\_gravity="center\_horizontal"**

**android:layout\_centerHorizontal="true"**

**android:layout\_alignParentTop="true"** />

<**ScrollView android:layout\_marginTop="30dp"**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:id="@+id/scrollView"**>

<**LinearLayout**

**android:layout\_width="fill\_parent"**

**android:layout\_height="fill\_parent"**

**android:orientation="vertical"** >

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 1"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 2"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 3"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 4"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 5"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 6"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 7"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 8"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 9"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 10"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 11"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 12"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 13"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 14"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 15"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 16"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 17"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 18"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 19"** />

<**Button**

**android:layout\_width="fill\_parent"**

**android:layout\_height="wrap\_content"**

**android:text="Button 20"** />

</**LinearLayout**>

</**ScrollView**>

</**android.widget.RelativeLayout**>

MainActivity.java

**package** com.example.jevitha.a13\_scrollview;

**import** android.support.v7.app.AppCompatActivity;

**import** android.os.Bundle;

**public class** MainActivity **extends** AppCompatActivity {

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

*// uncomment this for horizontal scrollview*

setContentView(R.layout.***activity\_main***);

*//uncomment this for vertical scroll view*

*//setContentView(R.layout.vertical\_scroll\_view);*

}

}