Android Class

#Android Notes
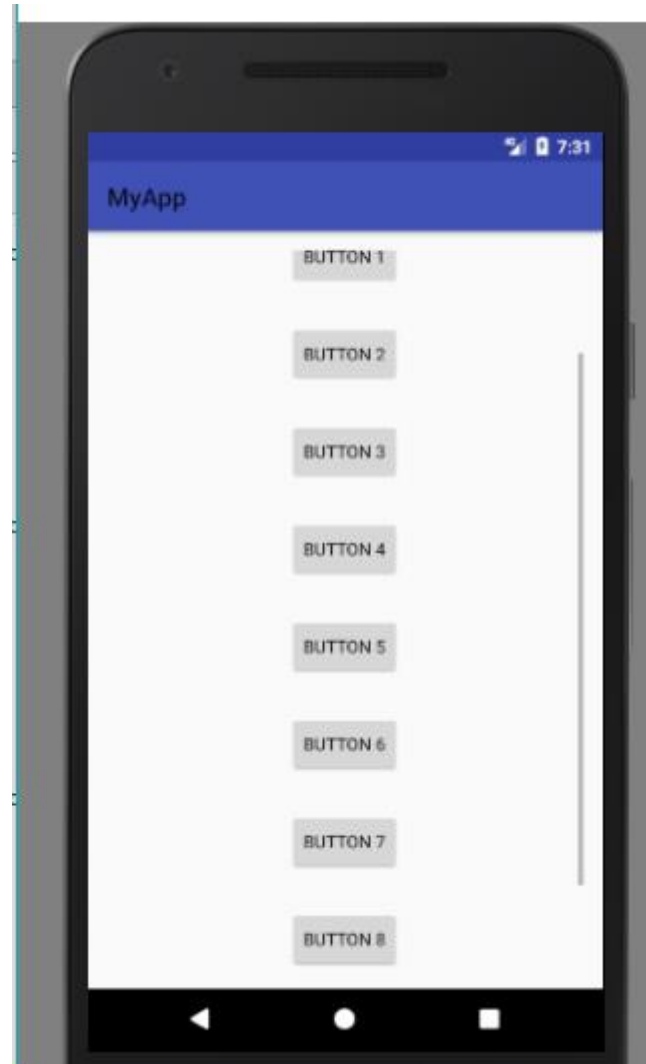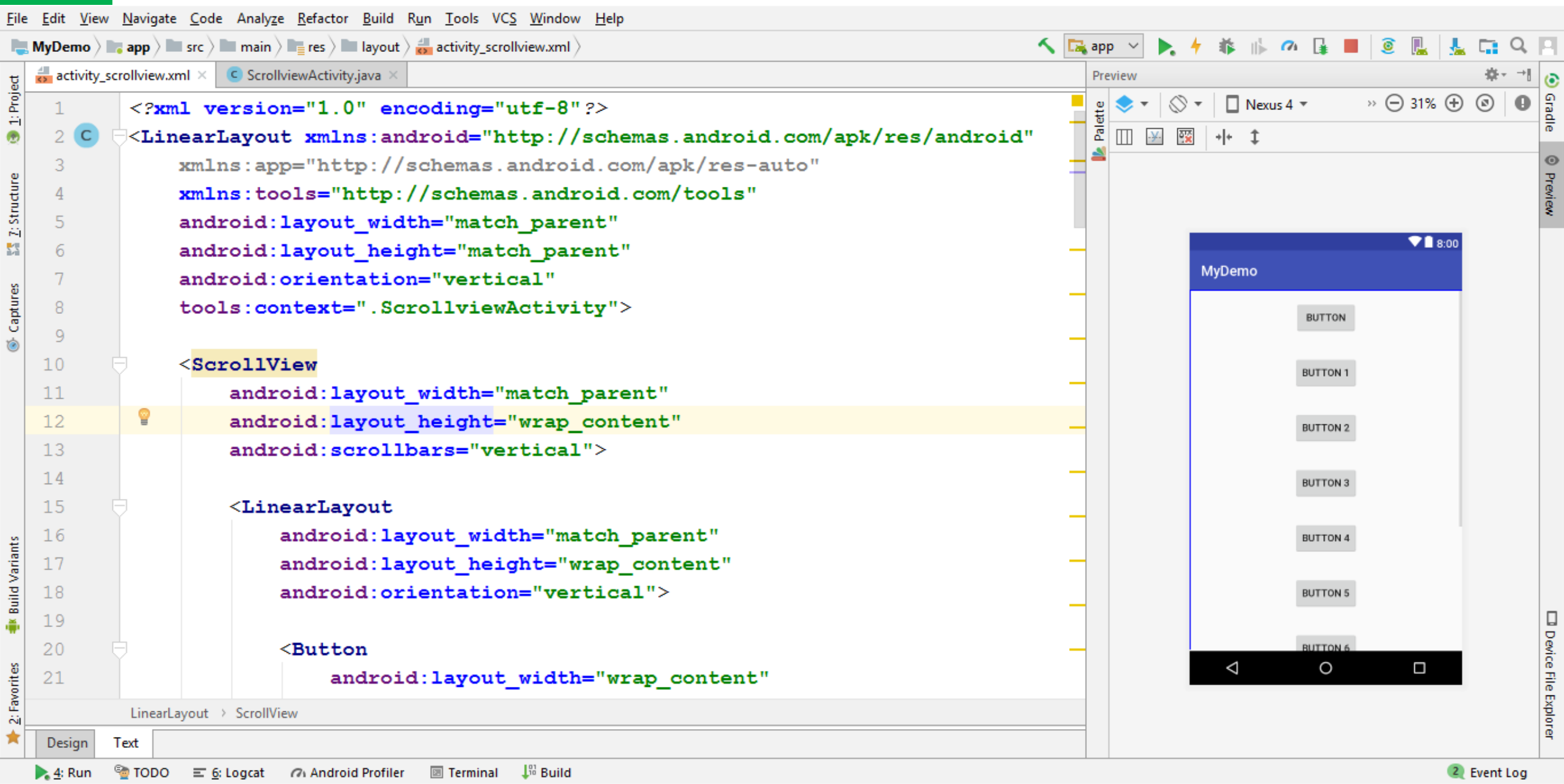
ScrollView & HorizontalScrollView

ScrollView Control

- ScrollView is a special kind of layout, designed to hold view larger than its actual size.

- When the Views size goes beyond the ScrollView size, it automatically adds scroll bars and can be scrolled vertically.

Screenshot activity_scrollview.xml

File   Edit   View   Navigate   Code   Analyze   Refactor   Build   Run   Tools   VCS   Window   Help

MyDemo 〉 app 〉 src 〉 main 〉 res 〉 layout 〉 activity_scrollview.xml 〉   app

activity_scrollview.xml ×   ScrollviewActivity.java ×

```xml
19
20          <Button
21              android:layout_width="wrap_content"
22              android:layout_height="wrap_content"
23              android:layout_gravity="center_horizontal"
24              android:layout_marginBottom="15dp"
25              android:layout_marginTop="15dp"
26              android:text="Button"  />
27
28          <Button
29              android:layout_width="wrap_content"
30              android:layout_height="wrap_content"
31              android:layout_gravity="center_horizontal"
32              android:layout_marginBottom="15dp"
33              android:layout_marginTop="15dp"
34              android:text="Button 1"  />
35
36          <Button
37              android:layout_width="wrap_content"
38              android:layout_height="wrap_content"
39              android:layout_gravity="center_horizontal"
```

LinearLayout 〉 ScrollView

Design   Text

Preview   Nexus 4   31%

MyDemo

BUTTON

BUTTON 1

BUTTON 2

BUTTON 3

BUTTON 4

BUTTON 5

BUTTON 6

4: Run   TODO   6: Logcat   Android Profiler   Terminal   Build   Event Log

Cont...

activity_scrollview.xml   ScrollviewActivity.java

```
80              android:layout_marginBottom="15dp"
81              android:layout_marginTop="15dp"
82              android:text="Button 7" />
83      <Button
84              android:layout_width="wrap_content"
85              android:layout_height="wrap_content"
86              android:layout_gravity="center_horizontal"
87              android:layout_marginBottom="15dp"
88              android:layout_marginTop="15dp"
89              android:text="Button 8" />
90
91      <Button
92              android:layout_width="wrap_content"
93              android:layout_height="wrap_content"
94              android:layout_gravity="center_horizontal"
95              android:layout_marginBottom="15dp"
96              android:layout_marginTop="15dp"
97              android:text="Button 9" />
98          </LinearLayout>
99      </ScrollView>
100 </LinearLayout>
```

LinearLayout > ScrollView > LinearLayout

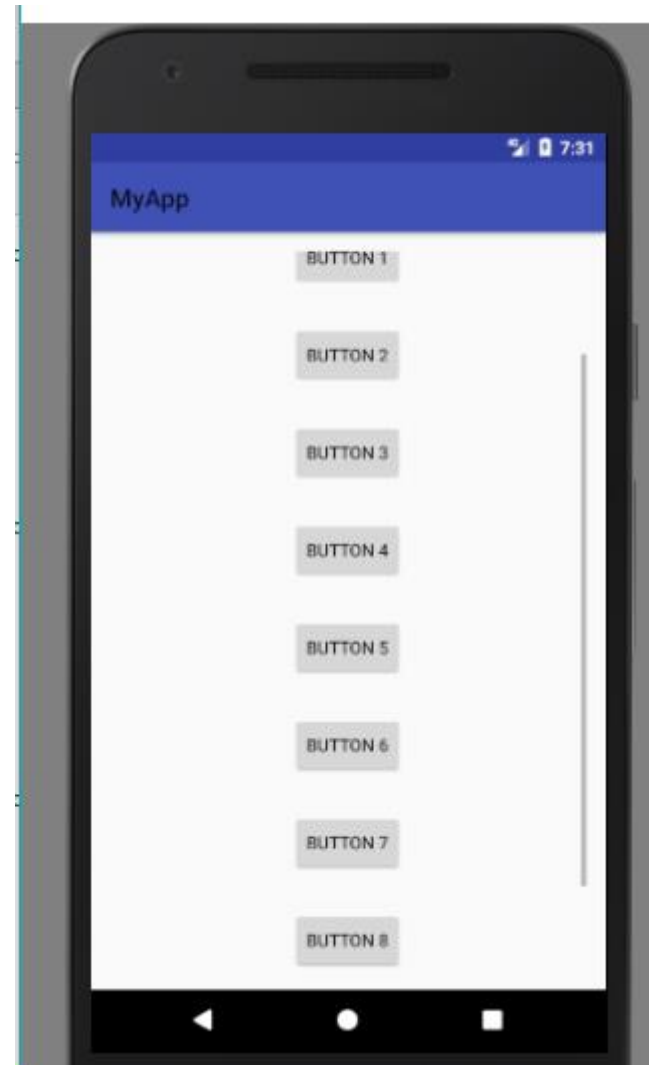Design   Text

Preview

Nexus 4   31%

MyDemo   8:00

MyDemo

BUTTON

BUTTON 1

BUTTON 2

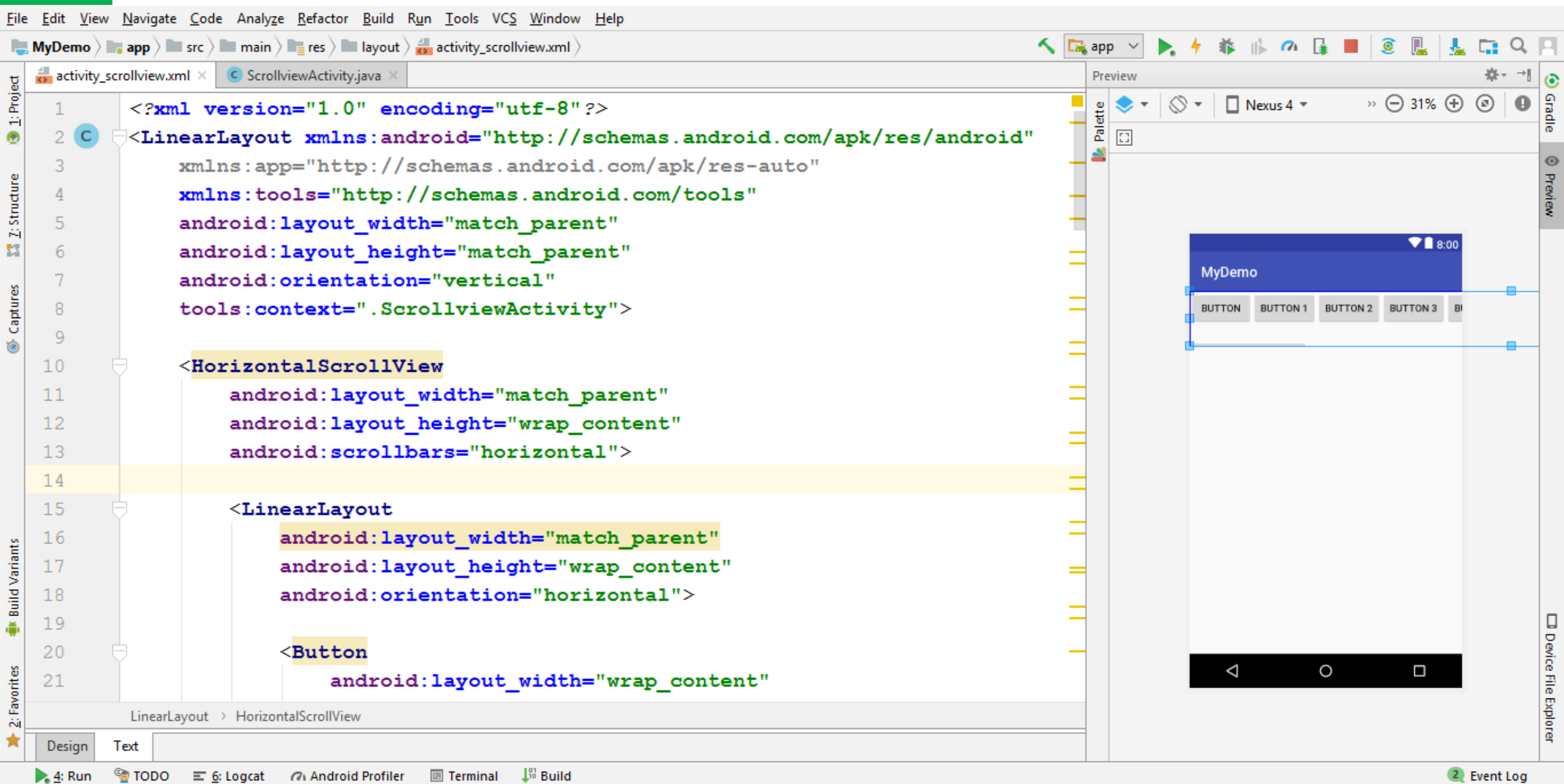BUTTON 3

BUTTON 4

BUTTON 5

BUTTON 6

HorizontalScrollView

- The HorizontalScrollView is like a ScrollView but with horizontal orientation.

- It is very useful because it is not very usefull to scoll up and down the whole screen of you application.

- HorizontalScrollView allows you to scroll items horizontally.

Screenshot activity_scrollview.xml

MyDemo ⟩ app ⟩ src ⟩ main ⟩ res ⟩ layout ⟩ activity_scrollview.xml ⟩

activity_scrollview.xml ×   ScrollviewActivity.java ×

```
1    <?xml version="1.0" encoding="utf-8"?>
2    <LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
3        xmlns:app="http://schemas.android.com/apk/res-auto"
4        xmlns:tools="http://schemas.android.com/tools"
5        android:layout_width="match_parent"
6        android:layout_height="match_parent"
7        android:orientation="vertical"
8        tools:context=".ScrollviewActivity">
9
10       <HorizontalScrollView
11           android:layout_width="match_parent"
12           android:layout_height="wrap_content"
13           android:scrollbars="horizontal">
14
15           <LinearLayout
16               android:layout_width="match_parent"
17               android:layout_height="wrap_content"
18               android:orientation="horizontal">
19
20               <Button
21                   android:layout_width="wrap_content"
```

LinearLayout ⟩ HorizontalScrollView

Preview

Nexus 4 ▾   31%

MyDemo

BUTTON BUTTON 1 BUTTON 2 BUTTON 3 B

8:00

Design   Text

4: Run   TODO   6: Logcat   Android Profiler   Terminal   Build   Event Log

Cont...

MyDemo > app > src > main > res > layout > activity_scrollview.xml

app

activity_scrollview.xml   ×   ScrollviewActivity.java   ×

Preview

```
19
20      <Button
21          android:layout_width="wrap_content"
22          android:layout_height="wrap_content"
23          android:layout_gravity="center_horizontal"
24          android:layout_marginBottom="15dp"
25          android:layout_marginTop="15dp"
26          android:text="Button" />
27
28      <Button
29          android:layout_width="wrap_content"
30          android:layout_height="wrap_content"
31          android:layout_gravity="center_horizontal"
32          android:layout_marginBottom="15dp"
33          android:layout_marginTop="15dp"
34          android:text="Button 1" />
35
36      <Button
37          android:layout_width="wrap_content"
38          android:layout_height="wrap_content"
39          android:layout_gravity="center_horizontal"
```

LinearLayout > ScrollView

Design   Text

4: Run   TODO   6: Logcat   Android Profiler   Terminal   Build   Event Log

```
File  Edit  View  Navigate  Code  Analyze  Refactor  Build  Run  Tools  VCS  Window  Help

MyDemo  >  app  >  src  >  main  >  res  >  layout  >  activity_scrollview.xml                                    app

  activity_scrollview.xml ×      ScrollviewActivity.java ×                                          Preview

 82                     android:text="Button 7" />
 83         <Button
 84             android:layout_width="wrap_content"
 85             android:layout_height="wrap_content"
 86             android:layout_gravity="center_horizontal"
 87             android:layout_marginBottom="15dp"
 88             android:layout_marginTop="15dp"
 89             android:text="Button 8" />
 90
 91         <Button
 92             android:layout_width="wrap_content"
 93             android:layout_height="wrap_content"
 94             android:layout_gravity="center_horizontal"
 95             android:layout_marginBottom="15dp"
 96             android:layout_marginTop="15dp"
 97             android:text="Button 9" />
 98         </LinearLayout>
 99      </HorizontalScrollView>
100  </LinearLayout>

LinearLayout  >  HorizontalScrollView

Design   Text
```

Preview pane: Nexus 4, 31%

MyDemo
BUTTON BUTTON 1 BUTTON 2 BUTTON 3 B

4: Run   TODO   6: Logcat   Android Profiler   Terminal   Build   Event Log

Get Exclusive
Video Tutorials

www.aptutorials.com
https://www.youtube.com/user/Akashtips

Get More Details

www.akashsir.com

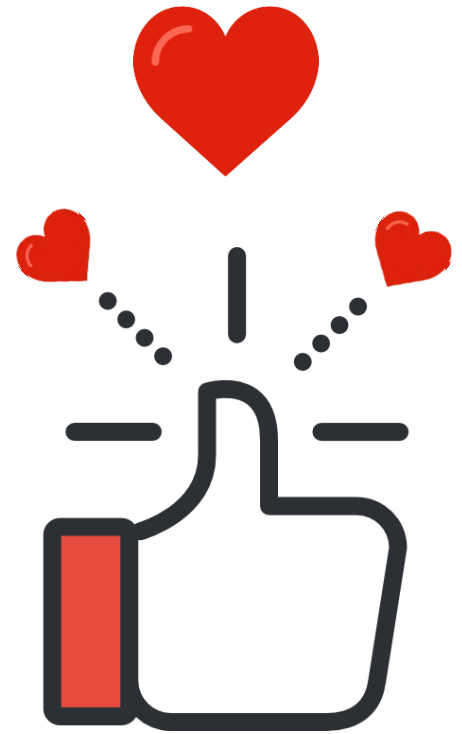# If You Liked It !
Rating Us Now

Just Dial

https://www.justdial.com/Ahmedabad/Akash-Technolabs-Navrangpura-Bus-Stop-Navrangpura/079PXX79-XX79-170615221520-S5C4_BZDET

Sulekha

https://www.sulekha.com/akash-technolabs-navrangpura-ahmedabad-contact-address/ahmedabad

Connect With Me

Akash Padhiyar
#AkashSir

www.akashsir.com

www.akashtechnolabs.com

www.akashpadhiyar.com

www.aptutorials.com

Social Info

Akash.padhiyar

Akashpadhiyar

Akash_padhiyar

+91 99786-21654

#Akashpadhiyar
#aptutorials