

activity\_listview.xml

ListviewActivity.java

Code Split Design

Resource Manager

1: Project

1

2

3

4

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11

12

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14

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```
<?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"
    android:orientation="vertical"
    tools:context=".ListviewActivity">

    <ListView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/lvCourse">
    </ListView>
</LinearLayout>
```

L: Structure

2: Favorites

3: Build Variants

LinearLayout

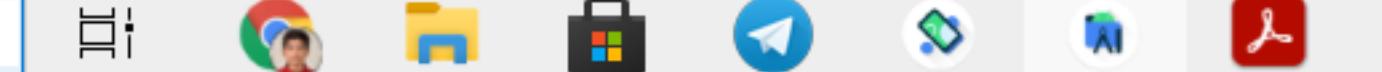
TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

Launch succeeded (a minute ago)

2:15 CRLF UTF-8 4 spaces

Type here to search



2:24 PM 03-Jun-21



```
activity_listview.xml x ListviewActivity.java x
1 package com.techerrors.day_7;
2
3 import ...
4
5
6 public class ListviewActivity extends AppCompatActivity {
7     ListView listView;
8     String course[] = {"PHP", "Android", "C", "java", "javascript", "IOS", "HTML", "CSS", "Python", "Angular", "Wordpress"};
9
10
11 @Override
12 protected void onCreate(Bundle savedInstanceState) {
13     super.onCreate(savedInstanceState);
14     setContentView(R.layout.activity_listview);
15     listView = findViewById(R.id.lvCourse);
16     ArrayAdapter<String> arrayAdapter = new ArrayAdapter<String>(this, android.R.layout.simple_list_item_1, course);
17     listView.setAdapter(arrayAdapter);
18
19 }
20
21 }
22 }
```

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-7 - activity\_listview.xml [day-7.app]

day-7 > app > src > main > res > layout > activity\_listview.xml

activity\_listview.xml ListviewActivity.java

1: Project Resource Manager 2: Favorites 3: Build Variants

```
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=".ListviewActivity">
9
10    <ListView
11        android:layout_width="match_parent"
12        android:layout_height="wrap_content"
13        android:id="@+id/lvCourse">
14    </ListView>
15 </LinearLayout>
```

LinearLayout

TODO Problems Terminal Build Logcat Profiler Database Inspector Run Event Log Layout Inspector

Launch succeeded (a minute ago) 2:15 CRLF UTF-8 4 spaces

Type here to search

Pixel 4a API 30

Code Design

Gradle Layout Validation Emulator Device File Explorer

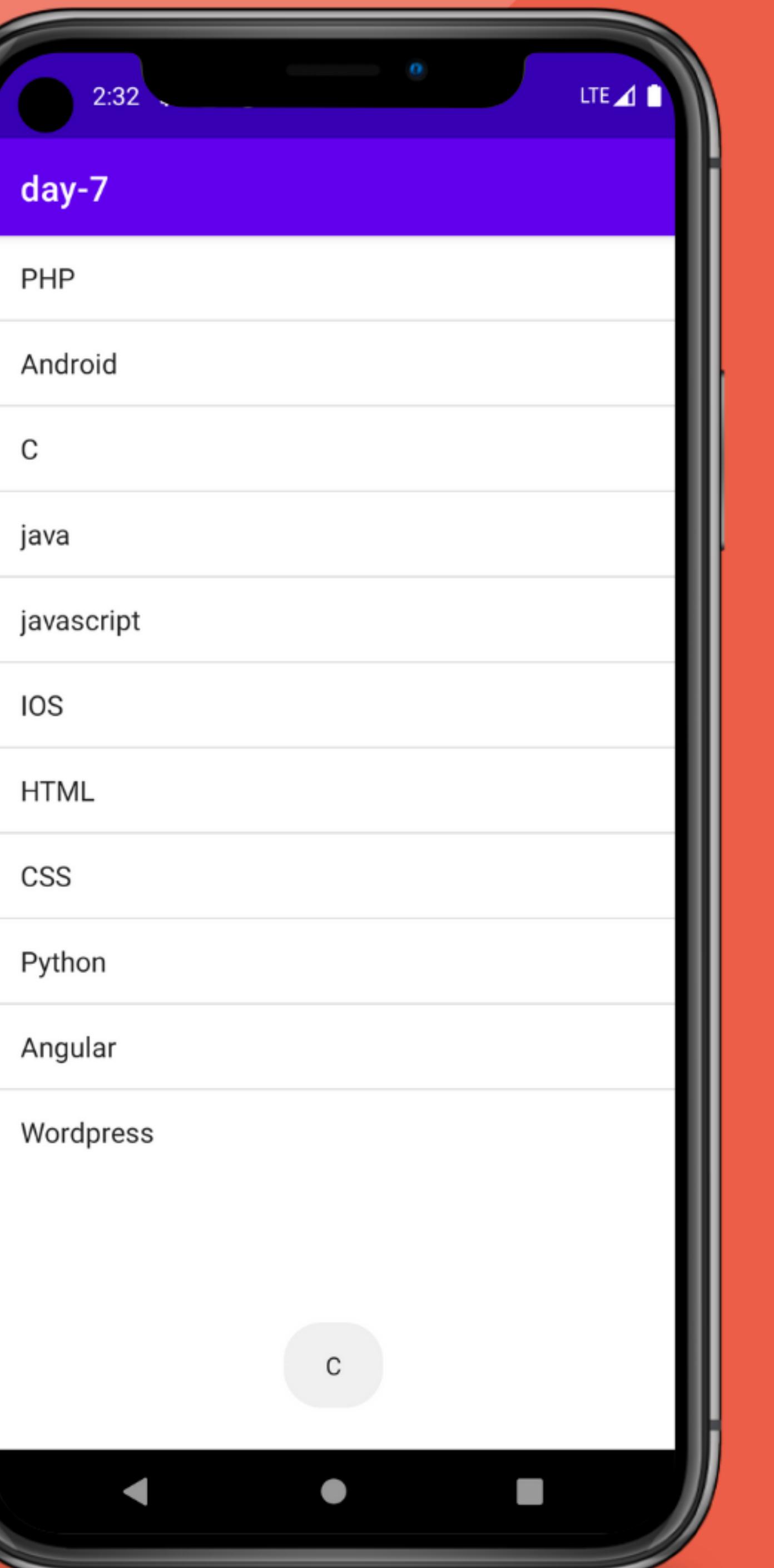
2:25 LTE

day-7

- PHP
- Android
- C
- java
- javascript
- iOS
- HTML
- CSS
- Python
- Angular
- Wordpress

2:25 PM 03-Jun-21 1

```
activity_listview.xml x ListviewActivity.java x
1 package com.techerrors.day_7;
2
3 import ...
4
5
6
7
8
9
10
11
12
13 public class ListviewActivity extends AppCompatActivity {
14     ListView listView;
15     String course[] = {"PHP", "Android", "C", "java", "javascript", "IOS", "HTML", "CSS", "Python", "Angular", "Wordpress"};
16
17     @Override
18     protected void onCreate(Bundle savedInstanceState) {
19         super.onCreate(savedInstanceState);
20         setContentView(R.layout.activity_listview);
21         listView = findViewById(R.id.lvCourse);
22         ArrayAdapter<String> arrayAdapter = new ArrayAdapter<String>(this, android.R.layout.simple_list_item_1, course);
23         listView.setAdapter(arrayAdapter);
24         // Structure
25         listView.setOnItemClickListener(AdapterView<>, course[position], Toast.LENGTH_SHORT).show();
26         listView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
27             @Override
28             public void onItemClick(AdapterView<?> parent, View view, int position, long l) {
29                 Toast.makeText(getApplicationContext(), course[position], Toast.LENGTH_SHORT).show();
30             }
31         });
32     }
}
```



File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-7 - activity\_listview.xml [day-7.app]

day-7 > app > src > main > res > layout > activity\_listview.xml

activity\_listview.xml ListviewActivity.java

Project Resource Manager Favorites Build Variants

```
<?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"
    android:orientation="vertical"
    tools:context=".ListviewActivity">

    <ListView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:divider="@color/black"
        android:dividerHeight="5dp"
        android:id="@+id/lvCourse">
    </ListView>
</LinearLayout>
```

Code Split Design

Pixel 4a API 30

2:36 LTE

day-7

PHP

Android

C

java

javascript

iOS

HTML

CSS

Python

Angular

Wordpress

Layout Validation

Emulator Device File Explorer

LinearLayout > ListView

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-7 - activity\_gridview.xml [day-7.app]

day-7 > app > src > main > res > layout > activity\_gridview.xml

activity\_gridview.xml × activity\_listview.xml × GridviewActivity.java × AndroidManifest.xml ×

Pixel 4a API 30

Code Split Design

1: Project

Resource Manager

2: Favorites

3: Structure

4: Build Variants

```
<?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=".GridviewActivity">

    <GridView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/gvCourse"
        android:columnWidth="15dp"
        android:horizontalSpacing="10dp"
        android:verticalSpacing="10dp"
        android:numColumns="2"/>
</LinearLayout>
```

Layout Validation

Device File Explorer Emulator

2:54 LTE

day-7

PHP	Android
HTML	CSS
Python	Angular
Wordpress	C
java	javascript
iOS	HTML
CSS	Python
Angular	Wordpress
javascript	iOS
HTML	CSS
Python	

TODO Problems Terminal Database Inspector Profiler Run Build Logcat

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File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-7 - activity\_gridview.xml [day-7.app]

day-7 app src main res layout activity\_gridview.xml

activity\_gridview.xml GridviewActivity.java AndroidManifest.xml

Project Resource Manager Favorites Build Variants

```
<?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=".GridviewActivity">

    <GridView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:id="@+id/gvCourse"
        android:columnWidth="15dp"
        android:horizontalSpacing="10dp"
        android:verticalSpacing="10dp"
        android:numColumns="2"/>
</LinearLayout>
```

Code Split Design

Pixel 4a API 30

2:55 LTE

day-7

PHP	Android
HTML	CSS
Python	Angular
Wordpress	C
java	javascript
IOS	HTML
CSS	Python
Angular	Wordpress
javascript	IOS
HTML	CSS
Python	

Layout Validation

Device File Explorer Emulator

LinearLayout > GridView

TODO Problems Terminal Database Inspector Profiler Run Build Logcat

Launch succeeded (moments ago)

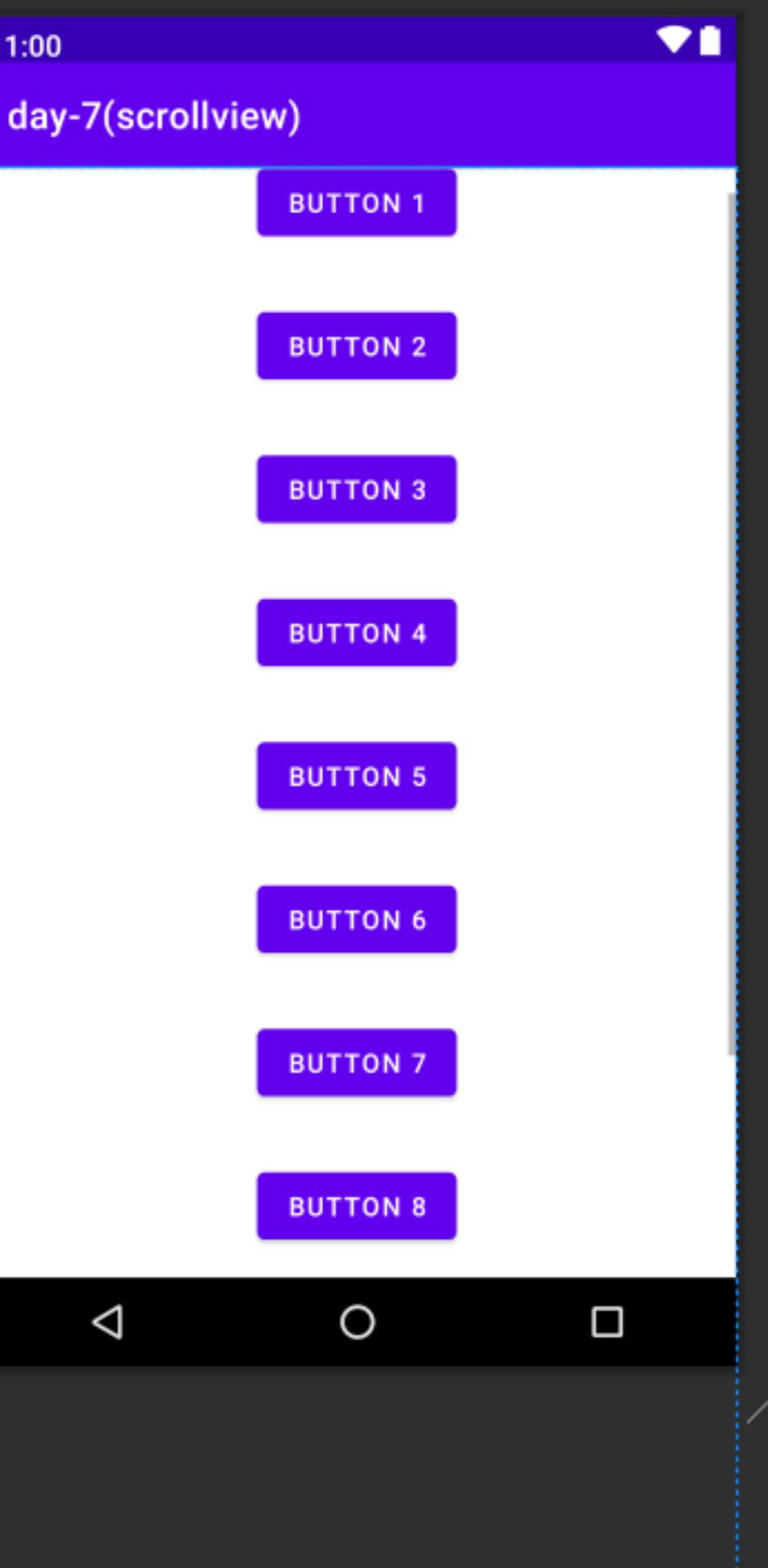
Type here to search

2:55 PM 03-Jun-21





```
1 <?xml version="1.0" encoding="utf-8"?>
2 <LinearLayout xmlns:android="http://schemas.android.com/apk/res/
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     tools:context=".MainActivity">
8     <ScrollView
9         android:layout_width="match_parent"
10        android:layout_height="wrap_content"
11        android:scrollbars="vertical">
12         <LinearLayout
13             android:layout_width="match_parent"
14             android:layout_height="wrap_content"
15             android:orientation="vertical">
16             <Button
17                 android:layout_width="wrap_content"
18                 android:layout_height="wrap_content"
19                 android:layout_gravity="center_horizontal"
20                 android:layout_marginTop="15dp"
21                 android:layout_marginBottom="15dp"
22                 android:text="Button 1"/>
23             <Button
24                 android:layout_width="wrap_content"
25                 android:layout_height="wrap_content"
26                 android:layout_gravity="center_horizontal"
27                 android:layout_marginTop="15dp"
28                 android:layout_marginBottom="15dp"
29                 android:text="Button 2"/>
30             <Button
31                 android:layout_width="wrap_content"
32                 android:layout_height="wrap_content"
33                 android:layout_gravity="center_horizontal"
34                 android:layout_marginTop="15dp"
35                 android:layout_marginBottom="15dp"
36                 android:text="Button 3"/>
```



day7scrollview > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

Project Manager

Resource Manager

Code Split Design

Gradle Layout Validation

Attributes

Layout Validation

1: Project

36      android:text="Button 3"/>

37 <Button

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

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

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

41      android:layout\_marginTop="15dp"

42      android:layout\_marginBottom="15dp"

43      android:text="Button 4"/>

44 <Button

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

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

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

48      android:layout\_marginTop="15dp"

49      android:layout\_marginBottom="15dp"

50      android:text="Button 5"/>

51 <Button

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

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

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

55      android:layout\_marginTop="15dp"

56      android:layout\_marginBottom="15dp"

57      android:text="Button 6"/>

58 <Button

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

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

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

62      android:layout\_marginTop="15dp"

63      android:layout\_marginBottom="15dp"

64      android:text="Button 7"/>

65 <Button

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

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

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

69      android:layout\_marginTop="15dp"

70      android:layout\_marginBottom="15dp"

71      android:text="Button 8"/>

LinearLayout > ScrollView > LinearLayout > Button

12 ^ v

Palette

Component Tree

11:00 day-7(scrollview)

BUTTON 1

BUTTON 2

BUTTON 3

BUTTON 4

BUTTON 5

BUTTON 6

BUTTON 7

BUTTON 8

Device File Explorer Emulator

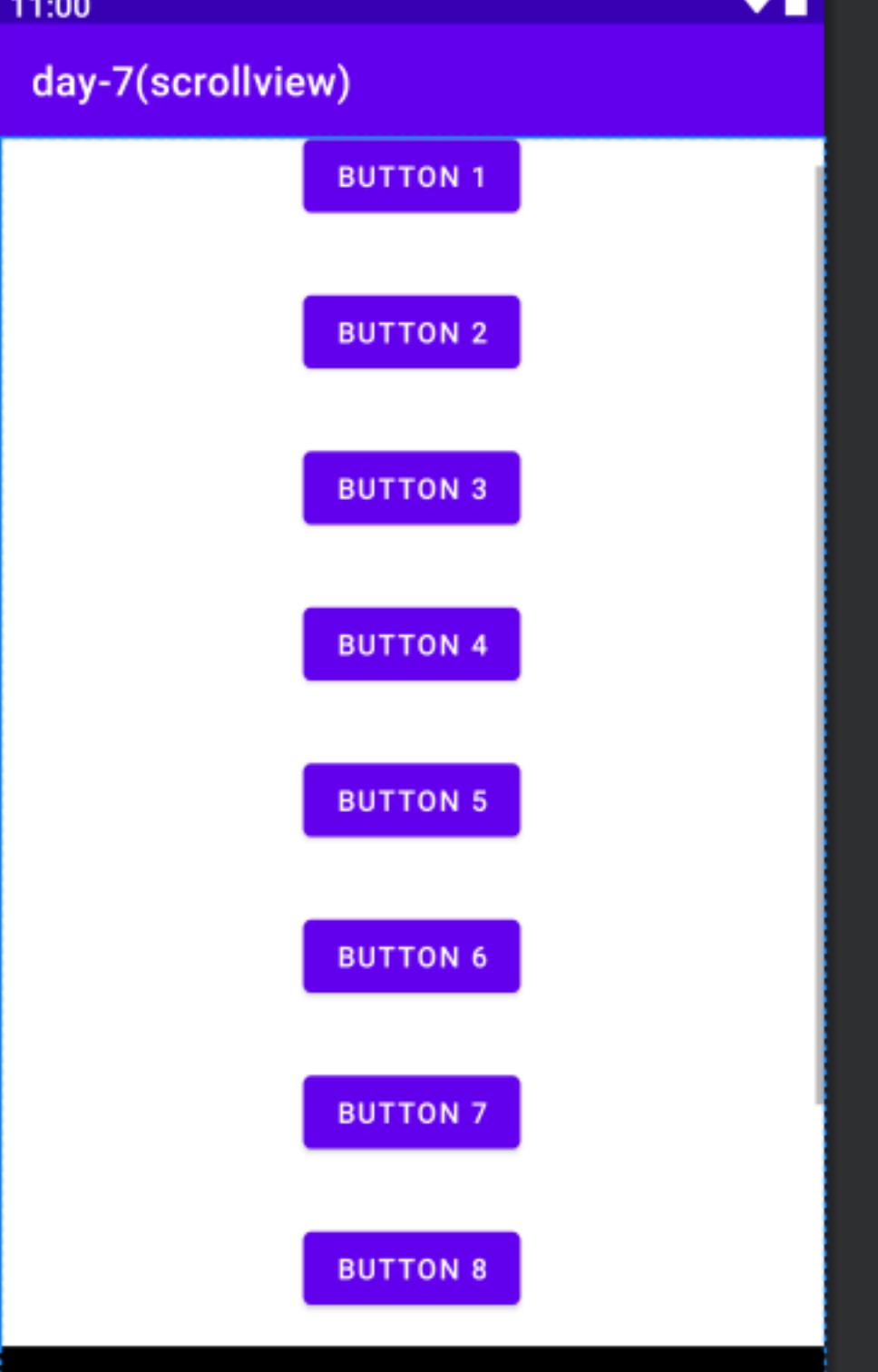
TODO 6: Problems Terminal Database Inspector Profiler Logcat

Event Log Layout Inspector

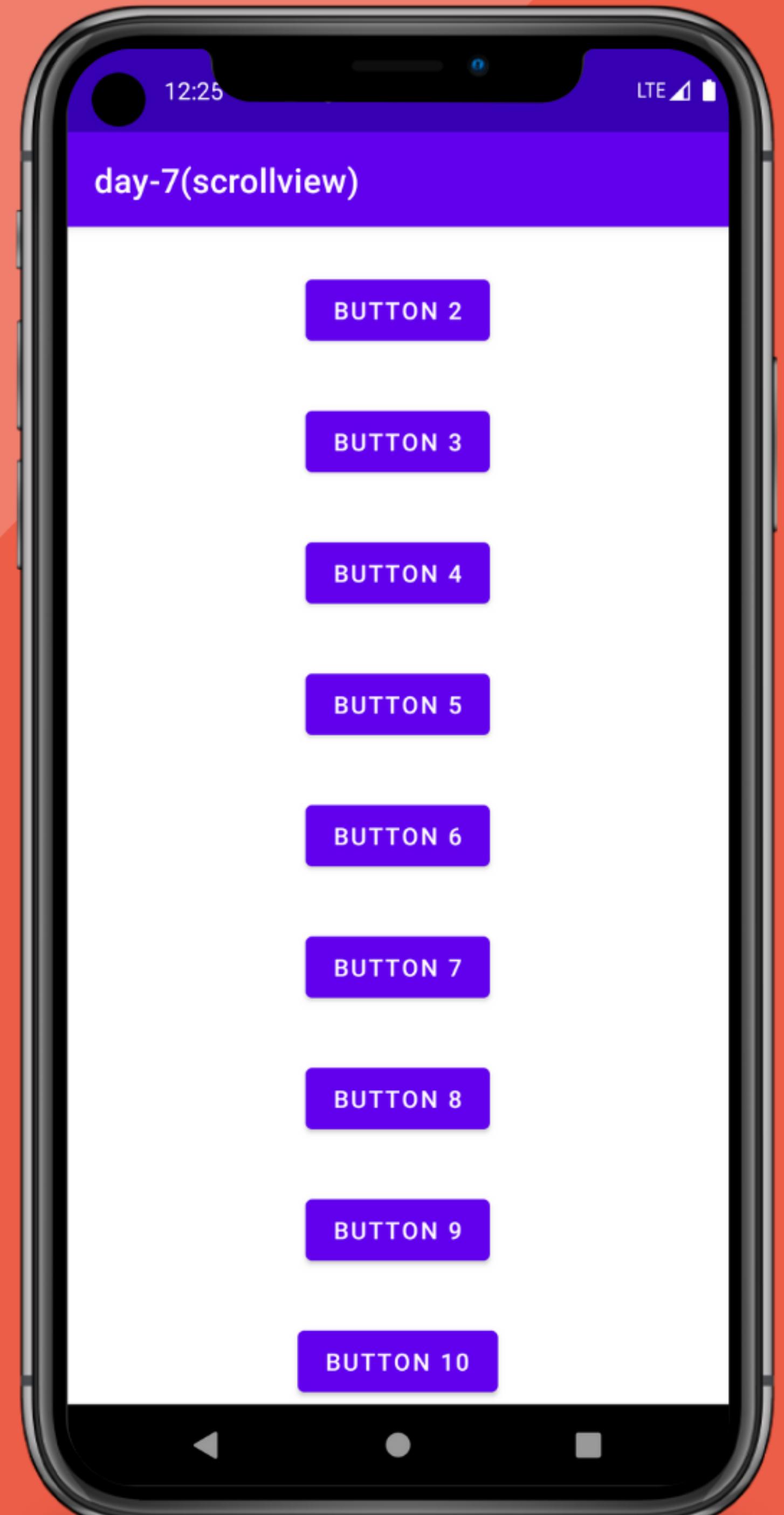
\* daemon started successfully (10 minutes ago)

36:42 CRLF UTF-8 4 spaces

```
58 <Button  
59     android:layout_width="wrap_content"  
60     android:layout_height="wrap_content"  
61     android:layout_gravity="center_horizontal"  
62     android:layout_marginTop="15dp"  
63     android:layout_marginBottom="15dp"  
64     android:text="Button 7"/>  
65 <Button  
66     android:layout_width="wrap_content"  
67     android:layout_height="wrap_content"  
68     android:layout_gravity="center_horizontal"  
69     android:layout_marginTop="15dp"  
70     android:layout_marginBottom="15dp"  
71     android:text="Button 8"/>  
72 <Button  
73     android:layout_width="wrap_content"  
74     android:layout_height="wrap_content"  
75     android:layout_gravity="center_horizontal"  
76     android:layout_marginTop="15dp"  
77     android:layout_marginBottom="15dp"  
78     android:text="Button 9"/>  
79 <Button  
80     android:layout_width="wrap_content"  
81     android:layout_height="wrap_content"  
82     android:layout_gravity="center_horizontal"  
83     android:layout_marginTop="15dp"  
84     android:layout_marginBottom="15dp"  
85     android:text="Button 10"/>  
86 </LinearLayout>  
87 </ScrollView>  
88 </LinearLayout>
```



LinearLayout > ScrollView > LinearLayout > Button



day7scrollview > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

Project 1: Project Manager

Code Split Design

Resource Manager

Attributes Layout Validation

Palette

Component Tree

11:00 day-7(scrollview)

BUTTON 1    BUTTON 2    BUTTON 3    BUTTON 4

Device File Explorer Emulator

LinearLayout > HorizontalScrollView > LinearLayout > Button

TODO 6: Problems Terminal Database Inspector Profiler Run Build Logcat

Event Log Layout Inspector

Launch succeeded (2 minutes ago) 36:42 CRLF UTF-8 4 spaces

```
<?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">
    <HorizontalScrollView
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:scrollbars="horizontal">
        <LinearLayout
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:orientation="horizontal">
            <Button
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_gravity="center_horizontal"
                android:layout_marginTop="15dp"
                android:layout_marginBottom="15dp"
                android:text="Button 1"/>
            <Button
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_gravity="center_horizontal"
                android:layout_marginTop="15dp"
                android:layout_marginBottom="15dp"
                android:text="Button 2"/>
            <Button
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_gravity="center_horizontal"
                android:layout_marginTop="15dp"
                android:layout_marginBottom="15dp"
                android:text="Button 3"/>
            <Button
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_gravity="center_horizontal"
                android:layout_marginTop="15dp"
                android:layout_marginBottom="15dp"
                android:text="Button 4"/>
        
    

```

day7scrollview > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

Project 1: Project Manager

Resource Manager

Code Split Design

Gradle Layout Validation

Attributes

Palette

Component Tree

11:00 day-7(scrollview)

BUTTON 1    BUTTON 2    BUTTON 3    BUTTON 4

Device File Explorer Emulator

LinearLayout > HorizontalScrollView > LinearLayout > Button

TODO 6: Problems Terminal Database Inspector Profiler Build Logcat

Event Log Layout Inspector

Launch succeeded (2 minutes ago) 36:42 CRLF UTF-8 4 spaces

```
36     android:text="Button 3"/>
37 <Button
38     android:layout_width="wrap_content"
39     android:layout_height="wrap_content"
40     android:layout_gravity="center_horizontal"
41     android:layout_marginTop="15dp"
42     android:layout_marginBottom="15dp"
43     android:text="Button 4"/>
44 <Button
45     android:layout_width="wrap_content"
46     android:layout_height="wrap_content"
47     android:layout_gravity="center_horizontal"
48     android:layout_marginTop="15dp"
49     android:layout_marginBottom="15dp"
50     android:text="Button 5"/>
51 <Button
52     android:layout_width="wrap_content"
53     android:layout_height="wrap_content"
54     android:layout_gravity="center_horizontal"
55     android:layout_marginTop="15dp"
56     android:layout_marginBottom="15dp"
57     android:text="Button 6"/>
58 <Button
59     android:layout_width="wrap_content"
60     android:layout_height="wrap_content"
61     android:layout_gravity="center_horizontal"
62     android:layout_marginTop="15dp"
63     android:layout_marginBottom="15dp"
64     android:text="Button 7"/>
65 <Button
66     android:layout_width="wrap_content"
67     android:layout_height="wrap_content"
68     android:layout_gravity="center_horizontal"
69     android:layout_marginTop="15dp"
70     android:layout_marginBottom="15dp"
71     android:text="Button 8"/>
```

day7scrollview > app > src > main > res > layout > activity\_main.xml

activity\_main.xml x MainActivity.java x

Project 1: Project

Resource Manager

Code Split Design

Gradle Layout Validation

Attributes

Palettes

Pixel 30 Day7scrollview

11:00 day-7(scrollview)

BUTTON 1 BUTTON 2 BUTTON 3 BUTTON 4

Component Tree

Device File Explorer Emulator

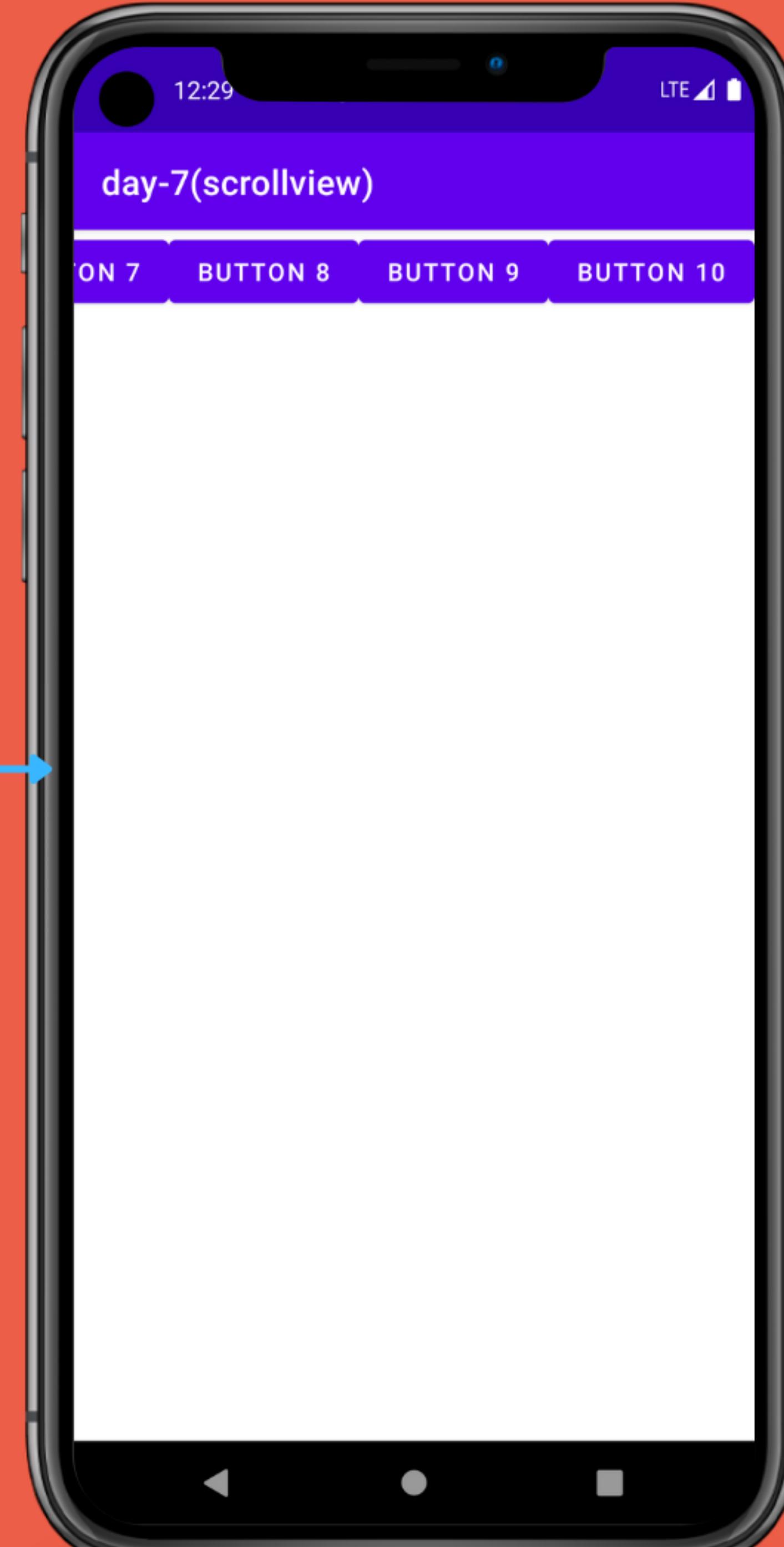
LinearLayout > HorizontalScrollView > LinearLayout > Button

TODO Problems Terminal Database Inspector Profiler Run Build Logcat

Event Log Layout Inspector

Launch succeeded (2 minutes ago) 36:42 CRLF UTF-8 4 spaces

```
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center_horizontal"
    android:layout_marginTop="15dp"
    android:layout_marginBottom="15dp"
    android:text="Button 7"/>
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center_horizontal"
    android:layout_marginTop="15dp"
    android:layout_marginBottom="15dp"
    android:text="Button 8"/>
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center_horizontal"
    android:layout_marginTop="15dp"
    android:layout_marginBottom="15dp"
    android:text="Button 9"/>
<Button
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_gravity="center_horizontal"
    android:layout_marginTop="15dp"
    android:layout_marginBottom="15dp"
    android:text="Button 10"/>
</LinearLayout>
</HorizontalScrollView>
</LinearLayout>
```



File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-7(webview) - activity\_main.xml [day-7(webview).app]

day7webview > app > src > main > res > layout > activity\_main.xml

activity\_main.xml MainActivity.java AndroidManifest.xml

Pixel 4a API 30

Code Split Design

Resource Manager

1: Project

2: Structure

3: Favorites

4: Build Variants

1 2 <?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=".MainActivity">  
9 <LinearLayout  
10 android:layout\_width="match\_parent"  
11 android:layout\_height="wrap\_content"  
12 android:orientation="vertical">  
13 <EditText  
14 android:id="@+id/etSearch"  
15 android:layout\_width="match\_parent"  
16 android:layout\_height="wrap\_content"  
17 android:hint="Search"/>  
18 <Button  
19 android:id="@+id/btnGo"  
20 android:layout\_width="wrap\_content"  
21 android:layout\_height="wrap\_content"  
22 android:layout\_gravity="center"  
23 android:text="Go"/>  
24 </LinearLayout>  
25 <WebView  
26 android:id="@+id/webView"  
27 android:layout\_width="match\_parent"  
28 android:layout\_height="match\_parent">  
29 </WebView>  
30 </LinearLayout>

Component Tree

Palette

Attributes

Layout Validation

11:00 day-7(webview)

Search

WebView

Emulator

Device File Explorer

LinearLayout > WebView

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

Launch succeeded (2 minutes ago)

29:15 CRLF UTF-8 4 spaces

Type here to search

12:20 PM 04-Jun-21

```
activity_main.xml × MainActivity.java × AndroidManifest.xml ×
```

1 package com.techerrors.day\_7webview;

2

3 import ...

4

5 public class MainActivity extends AppCompatActivity implements View.OnClickListener{

6 EditText etSearch;

7 Button btnGo;

8 WebView webView;

9 @Override

10 protected void onCreate(Bundle savedInstanceState) {

11 super.onCreate(savedInstanceState);

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

13 etSearch = findViewById(R.id.etSearch);

14 btnGo = findViewById(R.id.btnGo);

15 webView = findViewById(R.id.webView);

16 btnGo.setOnClickListener(this);

17 }

18 @Override

19 public void onClick(View v) {

20 switch (v.getId()){

21 case R.id.btnGo:

22 String url = etSearch.getText().toString();

23 //enabling javascript

24 //for securing reasons, Javascript is disabled in the webView by default.

25 //You can enable/disable Javascript using setJavaScriptEnabled() method.

26 webView.getSettings().setJavaScriptEnabled(true);

27 //use setWebViewClient() method to initialize MyWebViewClient class object.

28 webView.setWebViewClient(new MyWebViewClient());

29 //Use loadUrl method to load web page.

30 webView.loadUrl(url);

31 break;

32 }

33 }

34 private class MyWebViewClient extends WebViewClient{

35 @Override

36 public boolean shouldOverrideUrlLoading(WebView view, String url) {

37 //use loadUrl method to load link in Webview.Return true

38 view.loadUrl(url);

39 return true;

40 }

41 }

42}

43

44 @Override

45 public boolean shouldOverrideUrlLoading(WebView view, String url) {

46 //use loadUrl method to load link in Webview.Return true

47 view.loadUrl(url);

48 return true;

49 }

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help day-7(webview) - AndroidManifest.xml [day-7(webview).app]

day7webview > app > src > main > AndroidManifest.xml

activity\_main.xml x MainActivity.java x AndroidManifest.xml x

Pixel 4a API 30 ▾

1 Project 1 Resource Manager 1 Favorites 1 Build Variants

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.techerrors.day_7webview">

    <uses-permission android:name="android.permission.INTERNET"/>
    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="day-7(webview)"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Day7webview">
        <activity android:name=".MainActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

manifest > uses-permission

Text Merged Manifest

TODO Problems Terminal Build Logcat Profiler Database Inspector Run

Event Log Layout Inspector

Launch succeeded (2 minutes ago)

5:66 CRLF UTF-8 4 spaces

Type here to search

12:21 PM 04-Jun-21

