

# Switch from one activity to another

Dhanya N.M.

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Activity Mover [D:\code diary\Andoride Studio\ActivityMover] - ...\\com\\example\\activitymover\\MainActivity.java

ActivityMover app src main java com example activitymover

app samsung SM-G532F

Android

app manifests java com.example.activitymover MainActivity com.example.activitymover (androidTest) com.example.activitymover (test) res Gradle Scripts

activity\_main.xml MainActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6
7 public class MainActivity extends AppCompatActivity {
8
9     @Override
10    protected void onCreate(Bundle savedInstanceState) {
11        super.onCreate(savedInstanceState);
12        setContentView(R.layout.activity_main);
13    }
14}
15
```

Resource Manager

1: Project 2: Favorites

Build Variants

Layout Captures

Terminal Build Logcat TODO

ActivityMover app src main res layout

New

- Kotlin File/Class
- Layout Resource File
- Sample Data Directory
- File
- Scratch File Ctrl+Alt+Shift+Insert
- Directory
- C++ Class
- C/C++ Source File
- C/C++ Header File
- Image Asset
- Vector Asset
- Kotlin Script
- Kotlin Worksheet
- Gradle Kotlin DSL Build Script
- Gradle Kotlin DSL Settings
- Edit File Templates...
- AIDL
- Activity
- Automotive
- Folder
- Fragment
- Google
- Other
- Service
- UI Component
- Wear
- Widget

```
activitymover;  
activity extends AppCompatActivity {  
    onCreate(Bundle savedInstanceState) {  
        setContentView(R.layout.activity_main);  
    }  
}
```

Resource Manager

1: Project

2: Favorites

Gradle Scripts

Build Variants

Structure

Captures

- Android
- app
- Link C++ Project with Gradle
- java
  - Cut Ctrl+X
  - Copy Ctrl+C
  - Copy Path Ctrl+Shift+C
  - Copy Reference Ctrl+Alt+Shift+C
  - Paste Ctrl+V
- res
  - Find Usages Alt+F7
  - Find in Path... Ctrl+Shift+F
  - Replace in Path... Ctrl+Shift+R
  - Analyze
  - Refactor
  - Add to Favorites
  - Show In Resource Manager Ctrl+Shift+T
  - Reformat Code Ctrl+Alt+L
  - Optimize Imports Ctrl+Alt+O
  - Delete... Delete
  - Run 'Tests in 'layout'' Ctrl+Shift+F10
  - Debug 'Tests in 'layout''
  - Run 'Tests in 'layout'' with Coverage
  - Create 'Tests in 'layout''...
  - Show in Explorer
  - Directory Path Ctrl+Alt+F12
  - Open in Terminal
  - Local History
  - Synchronize 'layout'

- activity\_main.xml
- MainActivity.java
- Kotlin File/Class
- Layout Resource File
- Sample Data Directory
- File
- Scratch File Ctrl+Alt+Shift+Insert
- Directory
- C++ Class
- C/C++ Source File
- C/C++ Header File
- Image Asset
- Vector Asset
- Kotlin Script
- Kotlin Worksheet
- Gradle Kotlin DSL Build Script
- Gradle Kotlin DSL Settings
- Edit File Templates...
- AIDL
- Activity
  - Empty Activity
  - Blank Wear Activity (Requires minSdk >= 23)
  - Settings Activity
- Automotive
- Folder
- Fragment
- Google
- Other
- Service
- UI Component
- Wear
- Widget

activitymover;

- Gallery...
- Navigation Drawer Activity
- Master/Detail Flow
- Basic Activity
- Fullscreen Activity
- Fragment + ViewModel
- Bottom Navigation Activity
- Tabbed Activity
- Scrolling Activity
- Android Things Empty Activity (Requires minSdk >= 24)
- Android TV Activity (Requires minSdk >= 21)
- Login Activity
- Empty Activity
- Blank Wear Activity (Requires minSdk >= 23)
- Settings Activity

{  
te) {

ActivityMover &gt; app &gt; src

### New Android Activity

## Configure Activity

Creates a new empty activity

Activity Name:

Generate Layout File

Layout Name:

Launcher Activity

Package name:

Source Language:

The name of the activity class to create

Finish

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Activity Mover [D:\code diary\Andoride Studio\ActivityMover] - ...\\src\\main\\res\\layout\\activity\_main.xml [app]

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

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

Android Manager

app manifests java com.example.activitymover MainActivity SecondActivity com.example.activitymover (androidTest) com.example.activitymover (test) res drawable layout mipmap values Gradle Scripts

Resource Manager

Gradle

Attributes

Palette

8.00 Activity Mover

Hello World!

Component Tree

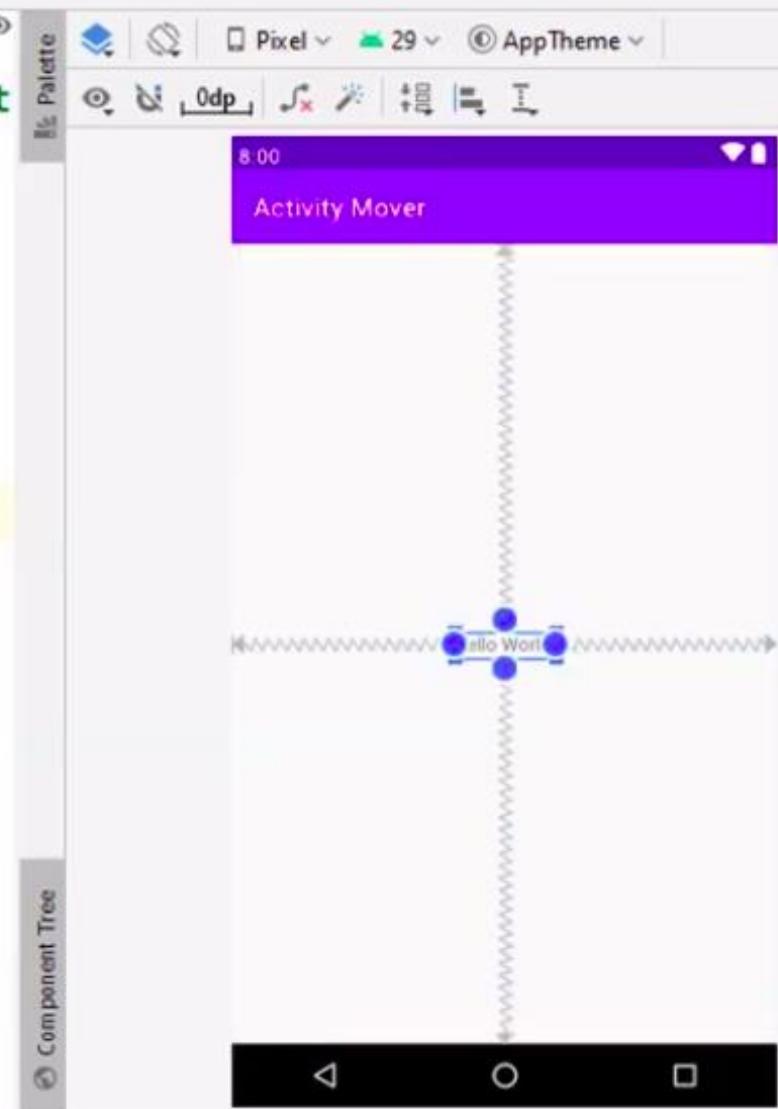
Device File Explorer

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
    xmlns:app="http://schemas.android.com/apk/res-
    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:text="Hello World!"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintLeft_toLeftOf="parent"
        app:layout_constraintRight_toRightOf="parent"
        app:layout_constraintTop_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <androidx.constraintlayout.widget.ConstraintLayout xmlns:android="htt
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
9
10 </androidx.constraintlayout.widget.ConstraintLayout>
```



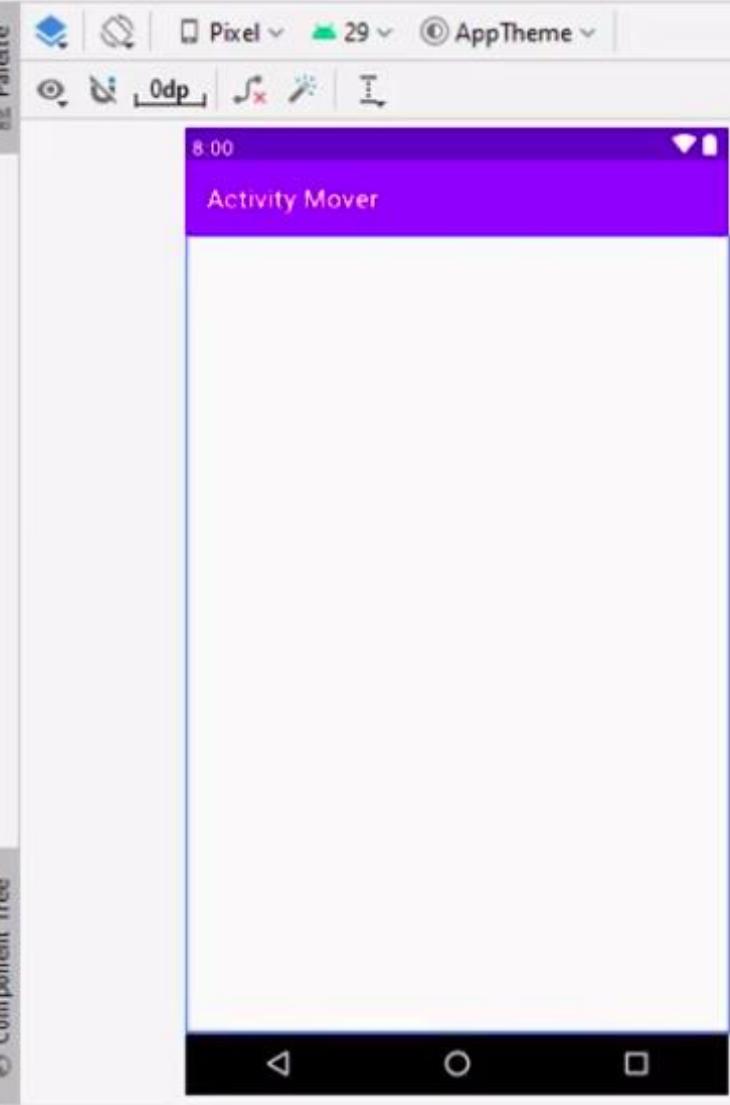
androidx.constraintlayout.widget.ConstraintLayout &gt; TextView

Terminal Build Logcat TODO



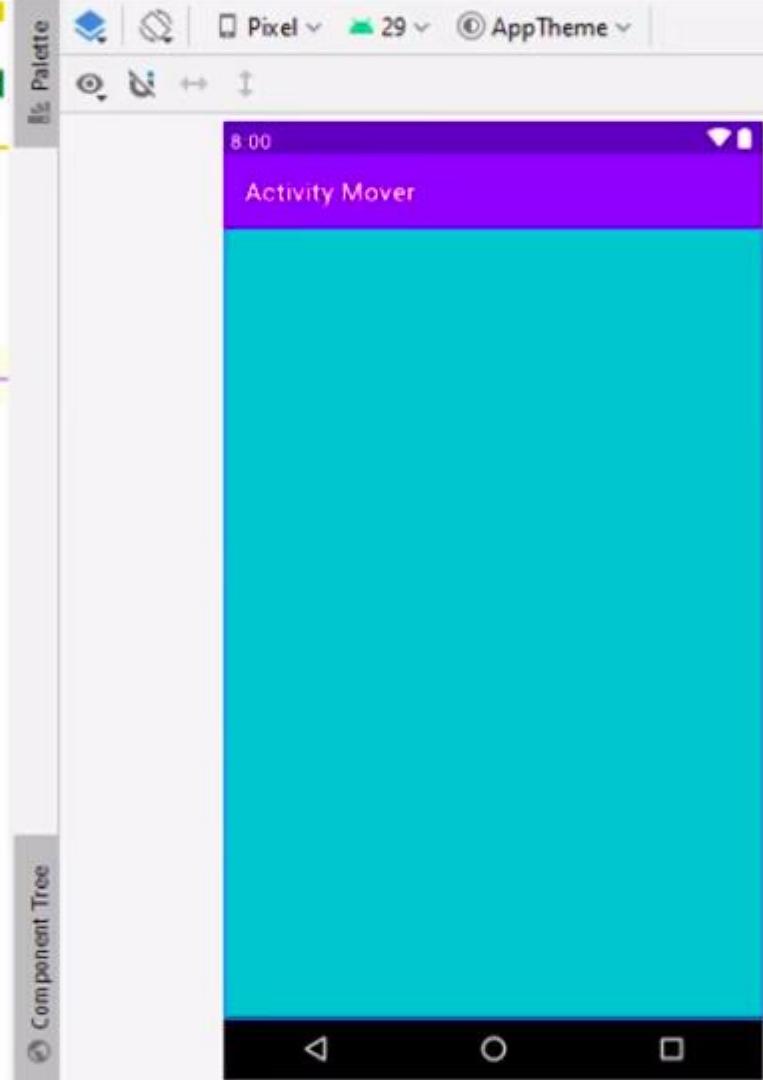
```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent" [ ]
7     tools:context=".MainActivity">
8
9
10
11 </RelativeLayout>
```

The code editor shows the XML layout for the main activity. The root element is a RelativeLayout. It includes namespace declarations for android, app, and tools. The layout\_width and layout\_height attributes are both set to "match\_parent". A red bracket and a question mark icon are placed over the layout\_height attribute. The tools:context attribute is set to ".MainActivity". The code editor has a vertical scrollbar on the right.



Component Tree

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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"           I
7     android:background="@color/colorAccent"       ?
8     tools:context=".MainActivity">
9
10
11
12 </RelativeLayout>
```



RelativeLayout

activity\_main.xml

activity\_second.xml

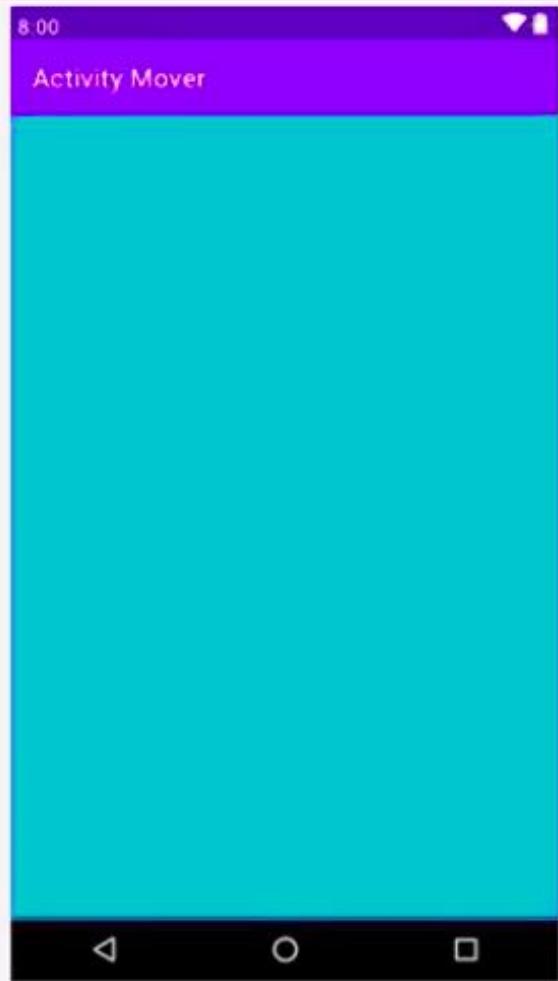
MainActivity.java

SecondActivity.java

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"~
```

Palette

Component Tree



activity\_main.xml

activity\_second.xml

MainActivity.java

SecondActivity.java

Resource Manager

1: Project

2: Favorites

Build Variants

3: Structure

Layout Captures

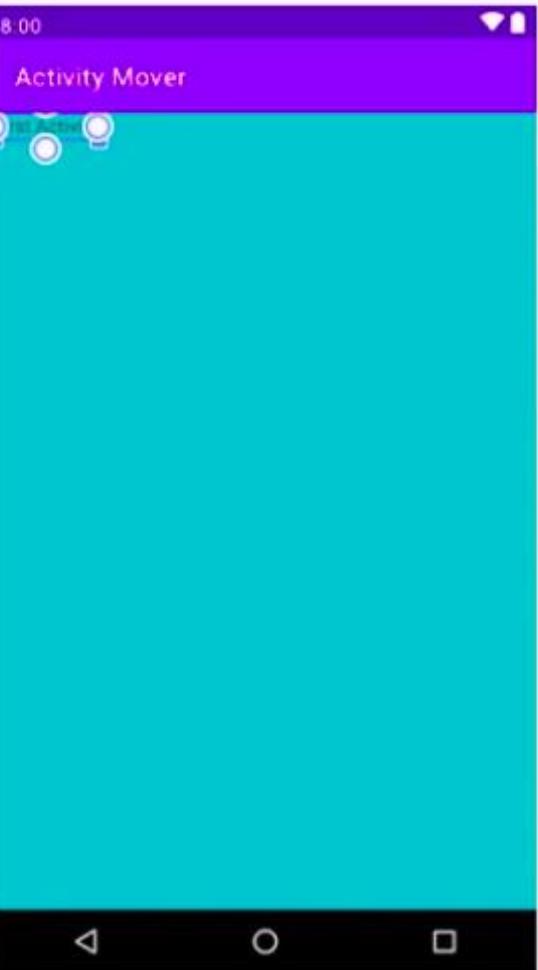
```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
3     android:textColor
4     android:textStyle
5     android:textSize
6     android:textAppearance
7     android:textAlignment
8     android:textAllCaps
9     android:textColorHighlight
10    android:textColorHint
11    <TextView android:textColorLink
12        android:textCursorDrawable
13        android:textDirection
14        android:layout_width="wrap_content"
15        android:layout_height="wrap_content"
16        android:layout_centerInParent="true">
17            <text></TextView>
```

RelativeLayout &gt; TextView

Terminal Build Logcat TODO

B Palette

Component Tree



Pixel 29 AppTheme

8:00

Activity Mover

8:00

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Activity Mover [D:\code diary\Andoride Studio\ActivityMover] - ...\\src\\main\\res\\layout\\activity\_main.xml [app]

ActivityMover app src main res layout activity\_main.xml app samsung SM-G532F

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

Resource Manager

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

2 <RelativeLayout 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:background="@color/colorAccent"  
8     tools:context=".MainActivity">

9

10 <TextView  
11     android:layout\_width="wrap\_content"  
12     android:layout\_height="wrap\_content"  
13     android:text="First Activity"  
14     android:textSize="25" style="color: red; font-weight: bold; font-style: italic;"></TextView>

15 </RelativeLayout>

16

RelativeLayout > TextView

25sp  
25dp  
25in  
25mm  
25pt  
25px

Press Enter to insert, Tab to replace

Pixel 29 AppTheme

8:00 Activity Mover

1. Project 2. Favorites

Build Variants

Component Tree

Layout Captures

Terminal Build Logcat TODO

activity\_main.xml

activity\_second.xml

MainActivity.java

SecondActivity.java

Resource Manager

1: Project

2: Favorites

Build Variants

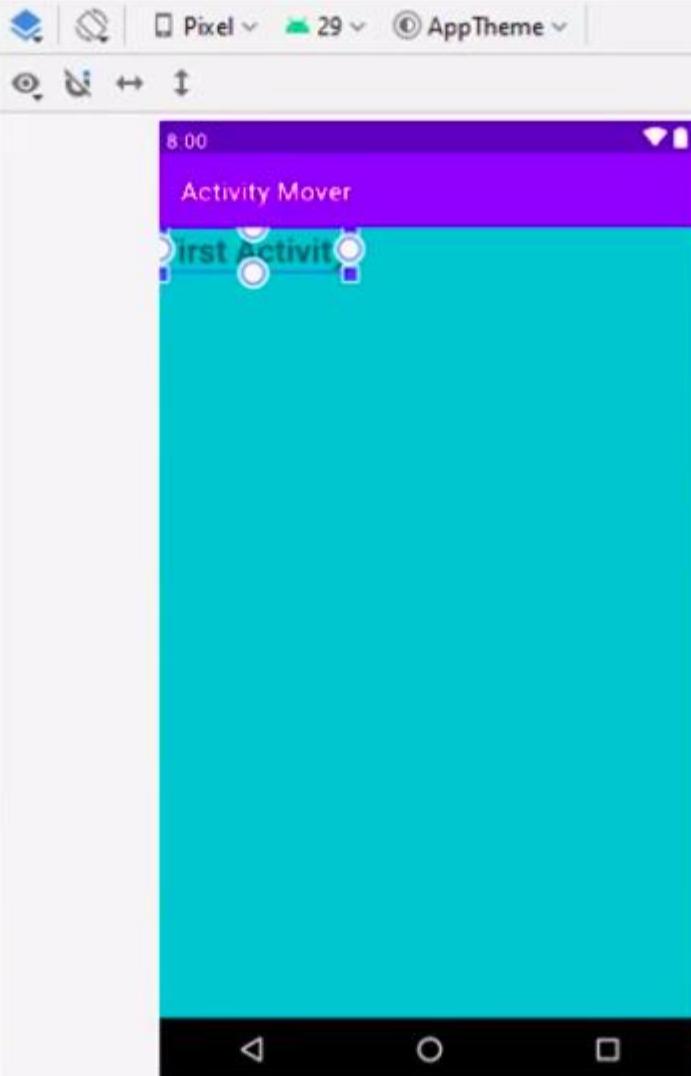
Structure

Layout Captures

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16    ></TextView>
17
18    </RelativeLayout>
```

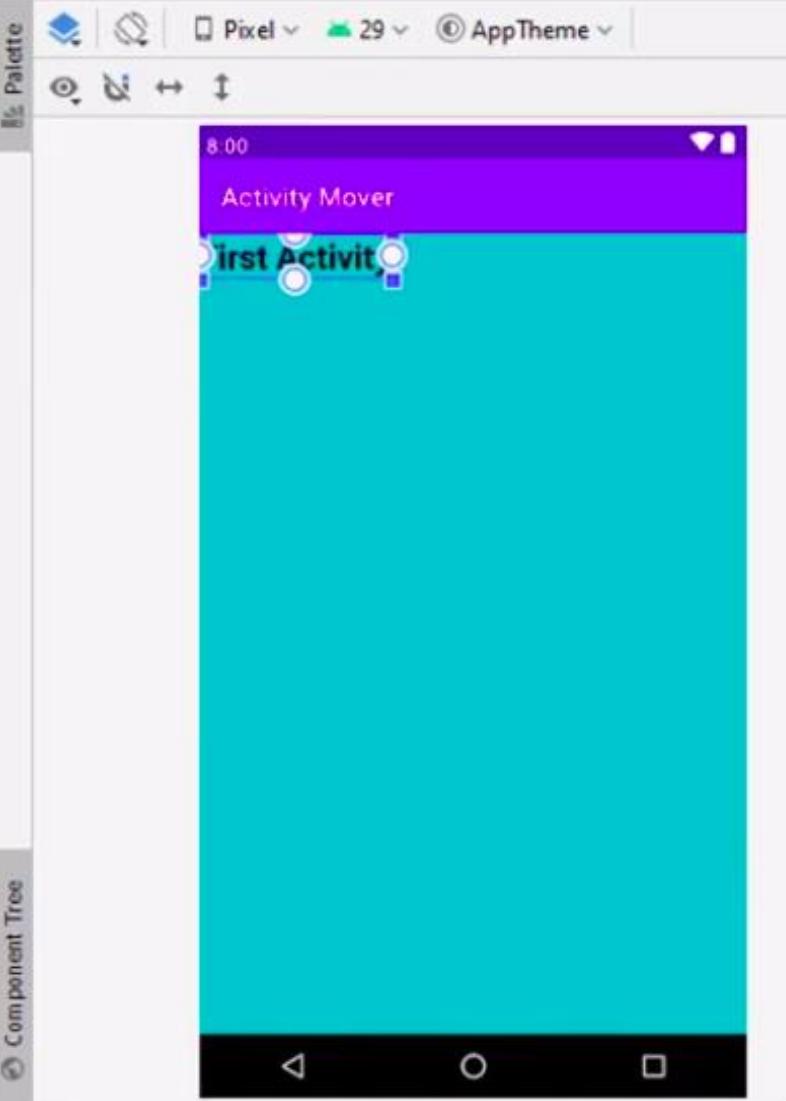
RelativeLayout &gt; TextView

Terminal Build Logcat TODO



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16        android:textColor="#000"
17    ></TextView>
18
19    </RelativeLayout>
```

RelativeLayout &gt; TextView



activity\_main.xml

activity\_second.xml

MainActivity.java

SecondActivity.java

Resource Manager

1: Project

2: Favorites

Build Variants

Structure

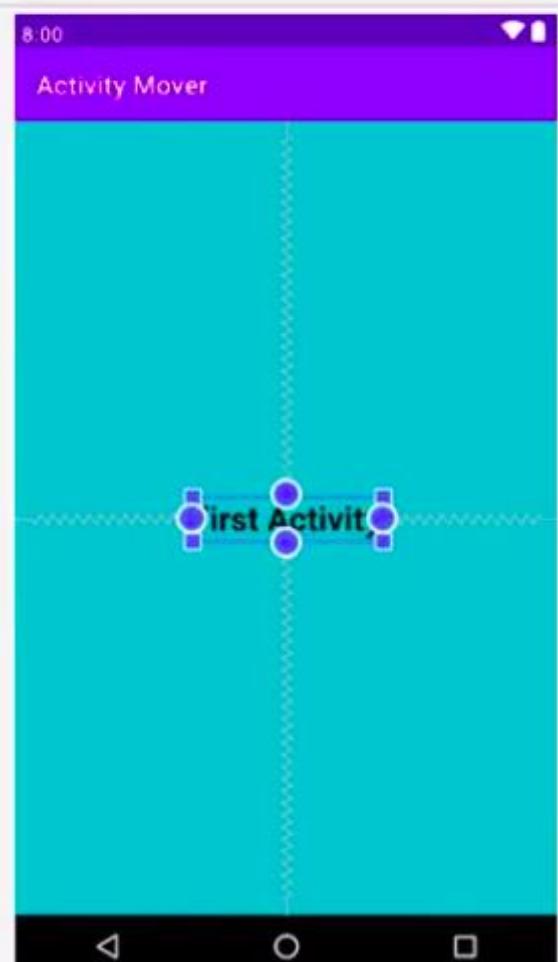
Layout Captures

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16        android:textColor="#000"
17        android:layout_centerInParent="true"></TextView>
18
19 </RelativeLayout>
```

RelativeLayout &gt; TextView

B Palette

Component Tree



ActivityMover app src main res layout activity\_main.xml app samsung SM-G532F

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

Resource Manager Project Favorites Build Variants Structure Layout Captures

```
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16        android:textColor="#000"
17        android:layout_centerInParent="true"></TextView>
18    <Button
19        android:layout_width="100dp"
20        android:layout_height="60dp"
21    ></Button>
```

Palette Pixel 29 AppTheme Attributes

8:00 Activity Mover

First Activity

Component Tree

Terminal Build Logcat TODO

XML tag has empty body

21:9 CRLF UTF-8 4 spaces



Type here to search



5:42 AM  
24/04/2020

ActivityMover &gt; app &gt; src &gt; main &gt; res &gt; layout &gt; activity\_main.xml

app samsung SM-G532F

activity\_main.xml

activity\_second.xml

MainActivity.java

SecondActivity.java

Resource Manager

1: Project

2: Favorites

Build Variants

2: Structure

Layout Captures

```
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16        android:textColor="#000"
17        android:layout_centerInParent="true"></TextView>
18    <Button
19        android:layout_width="100dp"
20        android:layout_height="60dp"
21        android:text="Next"
22    ></Button>
```

Palette

Component Tree

Pixel 29 AppTheme



RelativeLayout &gt; Button

Terminal Build Logcat TODO

XML tag has empty body

22.9 CPU: 1.0% Uptime: 4%

ActivityMover &gt; app &gt; src &gt; main &gt; res &gt; layout &gt; activity\_main.xml

app samsung SM-G532F

activity\_main.xml

activity\_second.xml

MainActivity.java

SecondActivity.java

Resource Manager

1: Project

2: Favorites

Build Variants

2: Structure

Layout Captures

```
6     android:layout_height="match_parent"
7     android:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16        android:textColor="#000"
17        android:layout_centerInParent="true"></TextView>
18    <Button
19        android:layout_width="100dp"
20        android:layout_height="60dp"
21        android:text="Next"
22        android:textSize="20sp"
23    ></Button>
```

E: Palette

Component Tree



RelativeLayout &gt; Button

Terminal Build Logcat TODO

activity\_main.xml

```
7 android:background="@color/colorAccent"
8 tools:context=".MainActivity"
9
10 <TextView
11     android:layout_width="wrap_content"
12     android:layout_height="wrap_content"
13     android:text="First Activity"
14     android:textSize="25sp"
15     android:textStyle="bold"
16     android:textColor="#000"
17     android:layout_centerInParent="true"></TextView>
18 <Button
19     android:layout_width="100dp"
20     android:layout_height="60dp"
21     android:text="Next"
22     android:textSize="20sp"
23     android:textStyle="bold"
24 ></Button>
```



RelativeLayout &gt; Button

Terminal Build Logcat TODO

Event Log

XML tag has empty body

24:9 CRLF UTF-8 4 space

ENG

5:42 AM  
24/04/2020

Type here to search



activity\_main.xml

```
7     android:background="@color/colorAccent"
8
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16        android:textColor="#000"
17        android:layout_centerInParent="true"></TextView>
18
19    <Button
20        android:layout_width="100dp"
21        android:layout_height="60dp"
22        android:text="Next"
23        android:textSize="20sp"
24        android:textStyle="bold"
25        android:textColor="#000"></Button>
```

Palette

Component Tree



activity\_main.xml

activity\_second.xml

MainActivity.java

SecondActivity.java

Resource Manager

1: Project

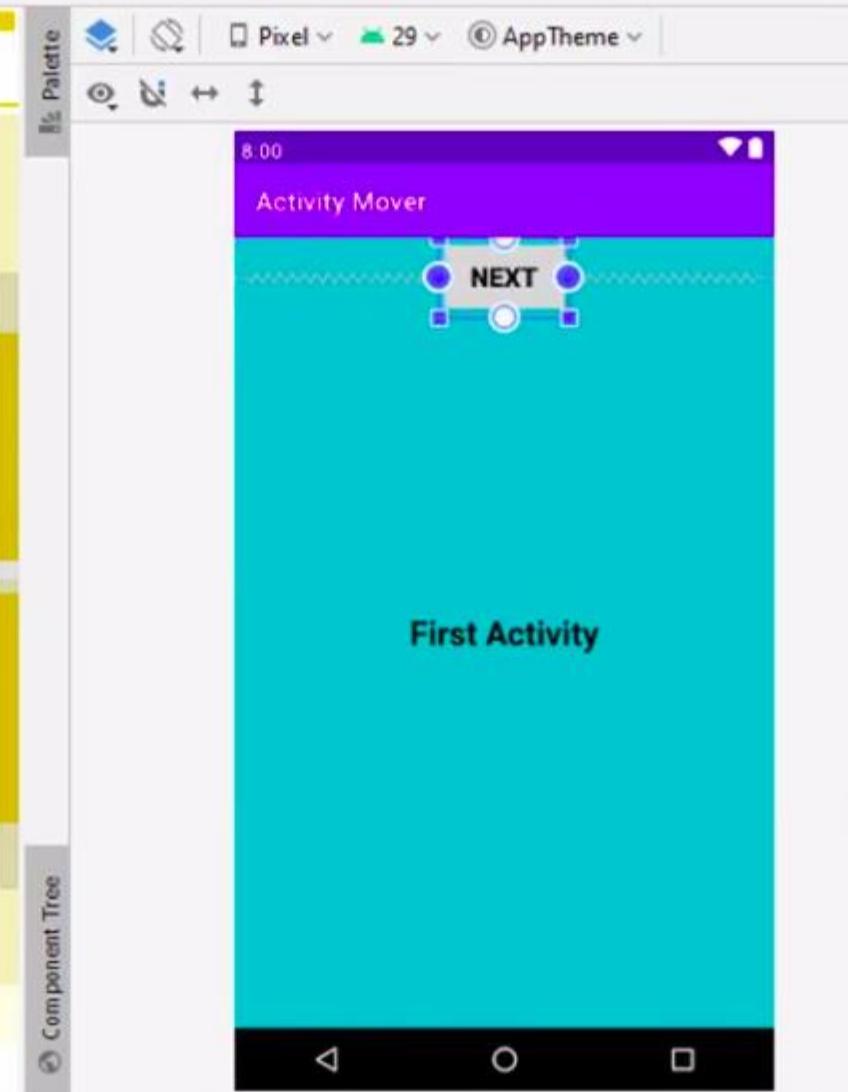
2: Favorites

Build Variants

2: Structure

Layout Captures

```
8     tools:context=".MainActivity">
9
10    <TextView
11        android:layout_width="wrap_content"
12        android:layout_height="wrap_content"
13        android:text="First Activity"
14        android:textSize="25sp"
15        android:textStyle="bold"
16        android:textColor="#000"
17        android:layout_centerInParent="true"></TextView>
18
19    <Button
20        android:layout_width="100dp"
21        android:layout_height="60dp"
22        android:text="Next"
23        android:textSize="20sp"
24        android:textStyle="bold"
25        android:textColor="#000"
26        android:layout_centerHorizontal="true"></Button>
```



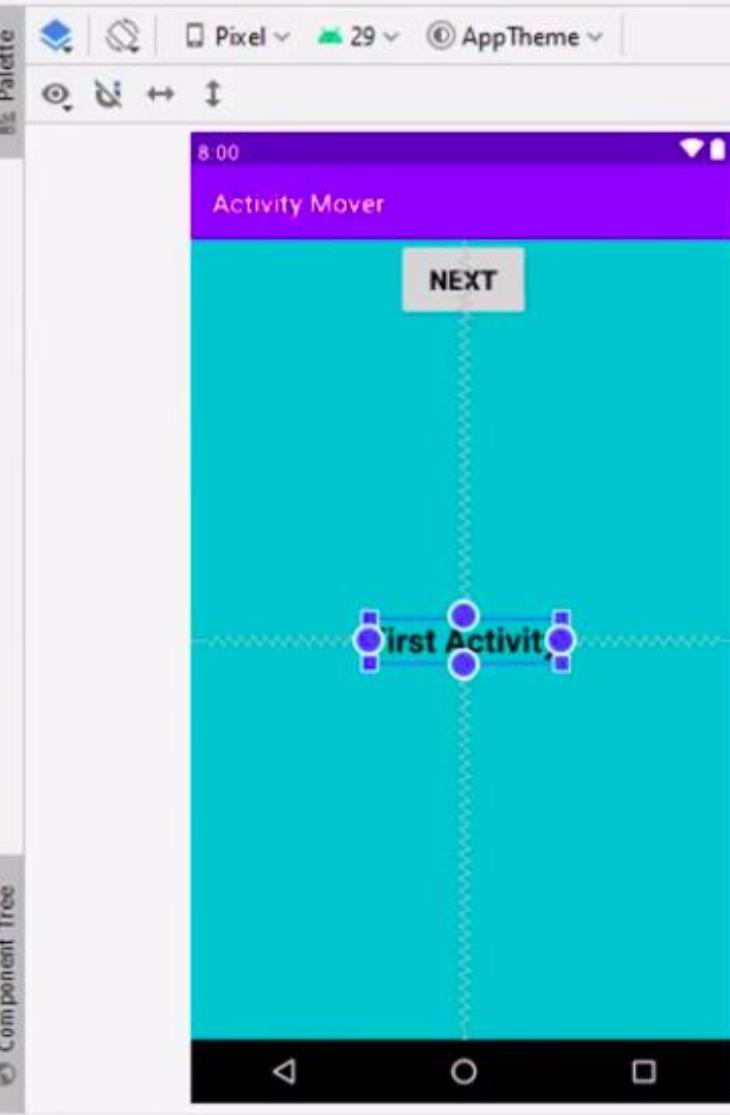
RelativeLayout &gt; Button

Terminal Build Logcat TODO

XML tag has empty body

```
4     xmlns:tools="http://schemas.android.com/tools"
5     android:layout_width="match_parent"
6     android:layout_height="match_parent"
7     android:background="@color/colorAccent"
8     tools:context=".MainActivity">
9
10    <TextView
11        android:id="@+id/txt1"
12        android:layout_width="wrap_content"
13        android:layout_height="wrap_content"
14        android:text="First Activity"
15        android:textSize="25sp"
16        android:textStyle="bold"
17        android:textColor="#000"
18        android:layout_centerInParent="true"></TextView>
19    <Button
20        android:layout_width="100dp"
21        android:layout_height="60dp"
22        android:text="Next"
```

RelativeLayout &gt; TextView



activity\_main.xml

```
12     android:layout_width="wrap_content"
13     android:layout_height="wrap_content"
14     android:text="First Activity"
15     android:textSize="25sp"
16     android:textStyle="bold"
17     android:textColor="#000"
18     android:layout_centerInParent="true">></TextView>
```

```
19 <Button
20     android: XML tag has empty body ...
21     android:layout_height="60dp"
22     android:text="Next"
23     android:textSize="20sp"
24     android:textStyle="bold"
25     android:textColor="#000" @+id/txt1
26     android:layout_centerInParent="true" Press Enter to insert, Tab to replace ...
27     android:layout_below="@+id/tx"></Button>
```

&lt;/RelativeLayout&gt;

Bz Palette



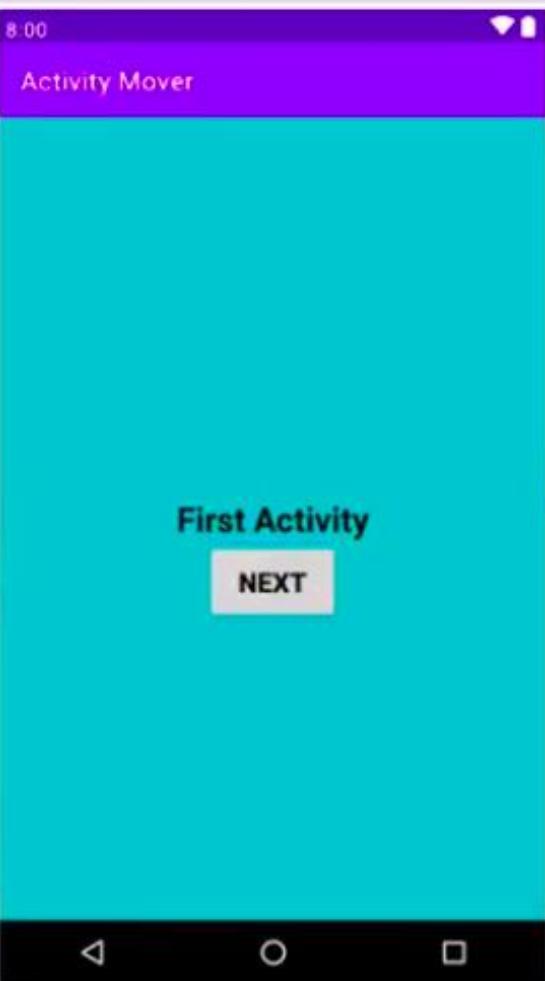
RelativeLayout &gt; Button

activity\_main.xml

```
12     android:layout_width="wrap_content"
13     android:layout_height="wrap_content"
14     android:text="First Activity"
15     android:textSize="25sp"
16     android:textStyle="bold"
17     android:textColor="#000"
18     android:layout_centerInParent="true">></TextView>
19 <Button
20     android:layout_width="100dp"
21     android:layout_height="60dp"
22     android:text="Next"
23     android:textSize="20sp"
24     android:textStyle="bold"
25     android:textColor="#000"
26     android:layout_centerHorizontal="true"
27     android:layout_below="@+id/txt1"></Button>
28
29 </RelativeLayout>
```

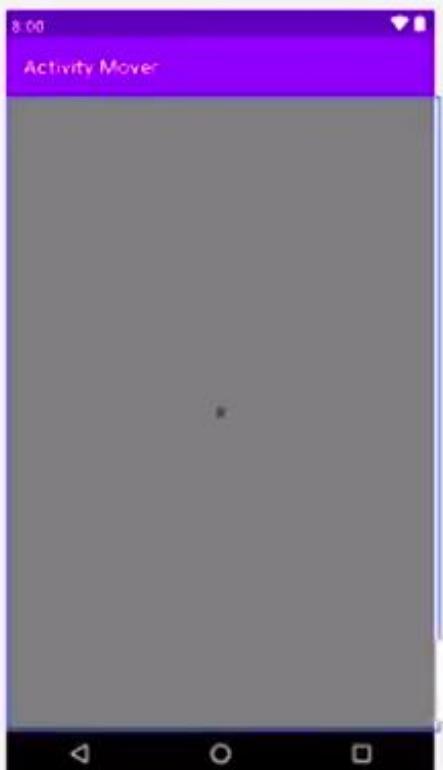
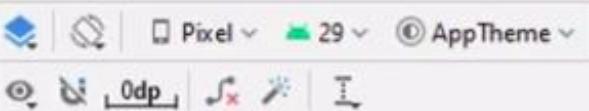
Palette

Component Tree



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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     tools:context=".SecondActivity">
8
9 </RelativeLayout>
```

Palette



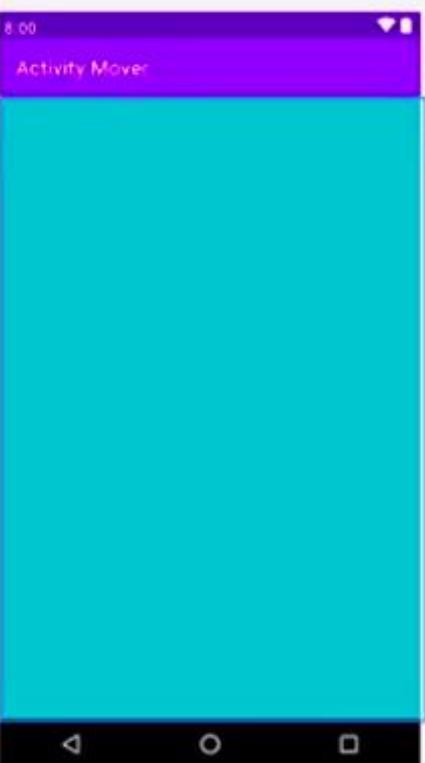
Component Tree

RelativeLayout

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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:background="@color/colorAccent"
8     tools:context=".SecondActivity">
9
10 </RelativeLayout>
```

Palette

Component Tree



activity\_main.xml

activity\_second.xml

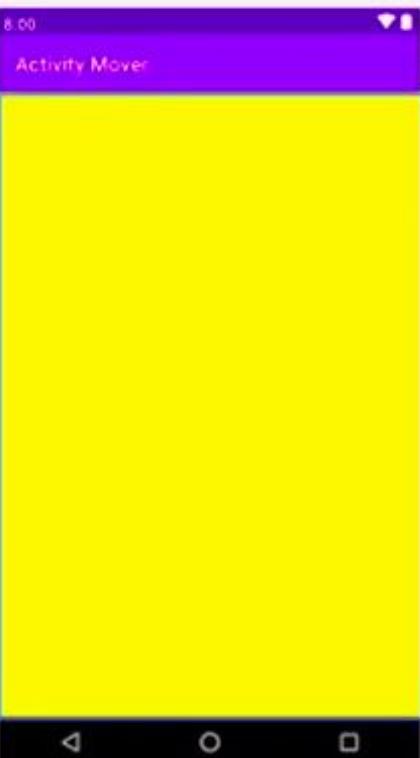
MainActivity.java

SecondActivity.java

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <RelativeLayout 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:background="#FFEB3B"
8     tools:context=".SecondActivity">
9
10 </RelativeLayout>
```

Palette

Component Tree



activity\_main.xml

activity\_second.xml

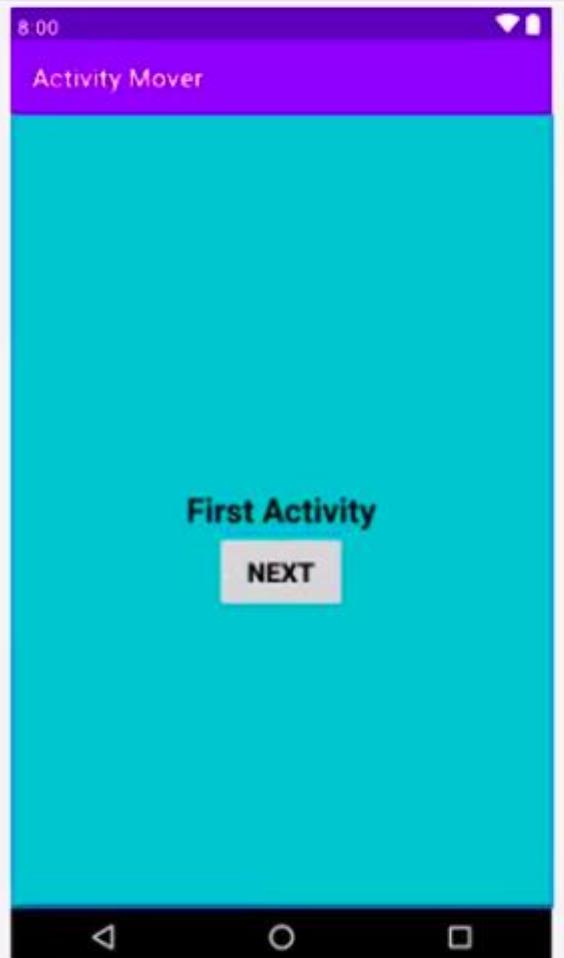
MainActivity.java

SecondActivity.java

```
10 <TextView  
11     android:id="@+id/txt1"  
12     android:layout_width="wrap_content"  
13     android:layout_height="wrap_content"  
14     android:text="First Activity"  
15     android:textSize="25sp"  
16     android:textStyle="bold"  
17     android:textColor="#000"  
18     android:layout_centerInParent="true"></TextView>  
19 <Button  
20     android:layout_width="100dp"  
21     android:layout_height="60dp"  
22     android:text="Next"  
23     android:textSize="20sp"  
24     android:textStyle="bold"  
25     android:textColor="#000"  
26     android:layout_centerHorizontal="true"  
27     android:layout_below="@+id/txt1"></Button>
```

Palette

Component Tree



RelativeLayout &gt; Button

Terminal Build Logcat TODO

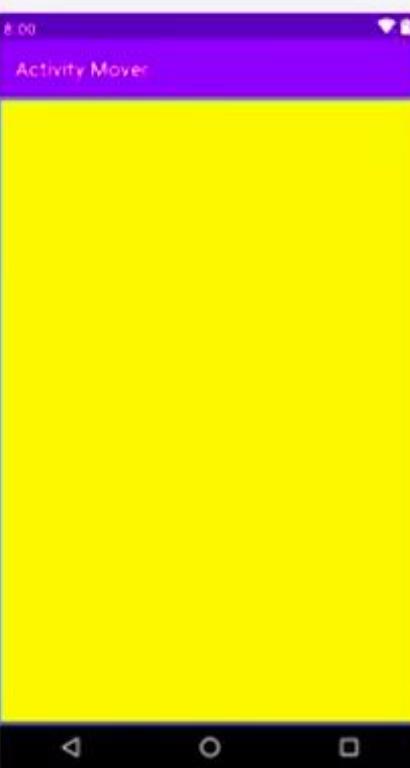
activity\_main.xml

```
10 <TextView  
11     android:id="@+id/txt1"  
12     android:layout_width="wrap_content"  
13     android:layout_height="wrap_content"  
14     android:text="First Activity"  
15     android:textSize="25sp"  
16     android:textStyle="bold"  
17     android:textColor="#000"  
18     android:layout_centerInParent="true"></TextView>  
19 <Button  
20     android:layout_width="100dp"  
21     android:layout_height="60dp"  
22     android:text="Next"  
23     android:textSize="20sp"  
24     android:textStyle="bold"  
25     android:textColor="#000"  
26     android:layout_centerHorizontal="true"  
27     android:layout_below="@+id/txt1"></Button>  
28 </RelativeLayout>
```

RelativeLayout &gt; Button

Palette

Component Tree



```
10 <TextView  
11     android:id="@+id/txt1"  
12     android:layout_width="wrap_content"  
13     android:layout_height="wrap_content"  
14     android:text="Second Activity"  
15     android:textSize="25sp"  
16     android:textStyle="bold"  
17     android:textColor="#000"  
18     android:layout_centerInParent="true"></TextView>  
19 <Button  
20     android:layout_width="100dp"  
21     android:layout_height="60dp"  
22     android:text="Next"  
23     android:textSize="20sp" |  
24     android:textStyle="bold"  
25     android:textColor="#000"  
26     android:layout_centerHorizontal="true"  
27     android:layout_below="@+id/txt1"></Button>  
28 </RelativeLayout>
```

RelativeLayout &gt; Button

Palette

Component Tree



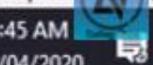
```
10 <TextView  
11     android:id="@+id/txt1"  
12     android:layout_width="wrap_content"  
13     android:layout_height="wrap_content"  
14     android:text="Second Activity"  
15     android:textSize="25sp"  
16     android:textStyle="bold"  
17     android:textColor="#000"  
18     android:layout_centerInParent="true"></TextView>  
19 <Button XML tag has empty body  
20     android:layout_height="60dp"  
21     android:text="Back"  
22     android:textSize="20sp"  
23     android:textStyle="bold"  
24     android:textColor="#000"  
25     android:layout_centerHorizontal="true"  
26     android:layout_below="@+id/txt1"></Button>  
27 </RelativeLayout>
```

RelativeLayout &gt; Button

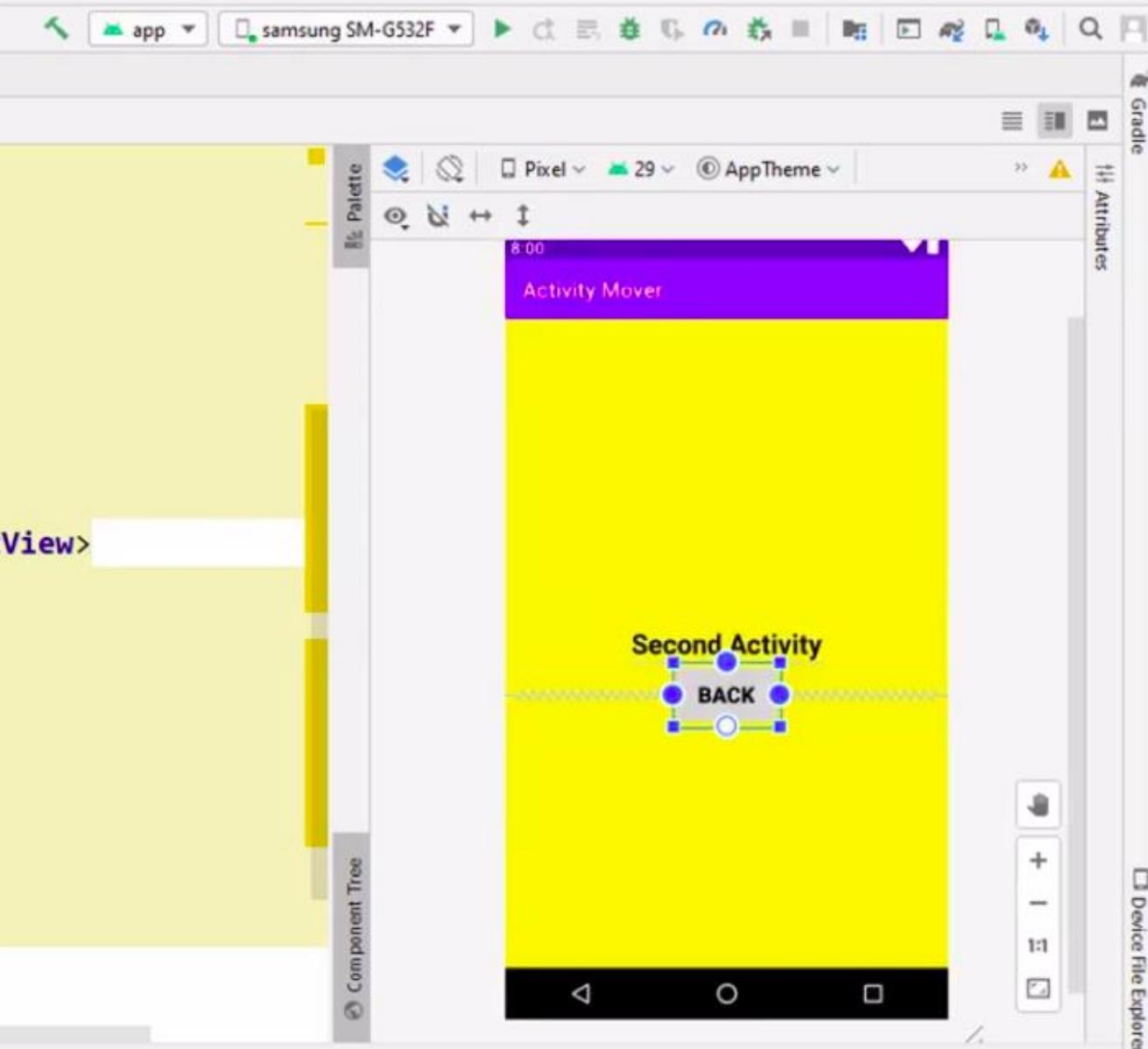
Terminal Build Logcat TODO

XML tag has empty body. Hardcoded string "Next", should use '@string' resource.

22:27 CRLF UTF-8 4 spaces ENG 5:45 AM



24/04/2020



activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

Resource Manager  
1:Project  
2:Favorites  
Build Variants  
Structure  
Layout Captures

```
10 <TextView  
11     android:id="@+id/txt2"  
12     android:layer="@+id/text2"  
13     android:layer="...";  
14     Press Enter to insert, Tab to replace  
15     android:text="Second Activity"  
16     android:textSize="25sp"  
17     android:textStyle="bold"  
18     android:textColor="#000"  
19     android:layout_centerInParent="true">></TextView>  
20 <Button  
21     android:layout_width="100dp"  
22     android:layout_height="60dp"  
23     android:text="Back"  
24     android:textSize="20sp"  
25     android:textStyle="bold"  
26     android:textColor="#000"  
27     android:layout_centerHorizontal="true"  
28     android:layout_below="@+id/txt1">></Button>  
</RelativeLayout>
```

RelativeLayout &gt; TextView

Terminal Build Logcat TODO



activity\_main.xml

```
10 <TextView  
11     android:id="@+id/txt2"  
12     android:layout_width="wrap_content"  
13     android:layout_height="wrap_content"  
14     android:text="Second Activity"  
15     android:textSize="25sp"  
16     android:textStyle="bold"  
17     android:textColor="#000"  
18     android:layout_centerInParent="true"></TextView>
```

```
19 <Button  
20     android:layout_width="100dp"  
21     android:layout_height="60dp"  
22     android:text="Back"  
23     android:textSize="20sp"  
24     android:textStyle="bold"  
25     android:textColor="#000"  
26     android:layout_centerHorizontal="true"  
27     android:layout_below="@+id/txt2"></Button>
```

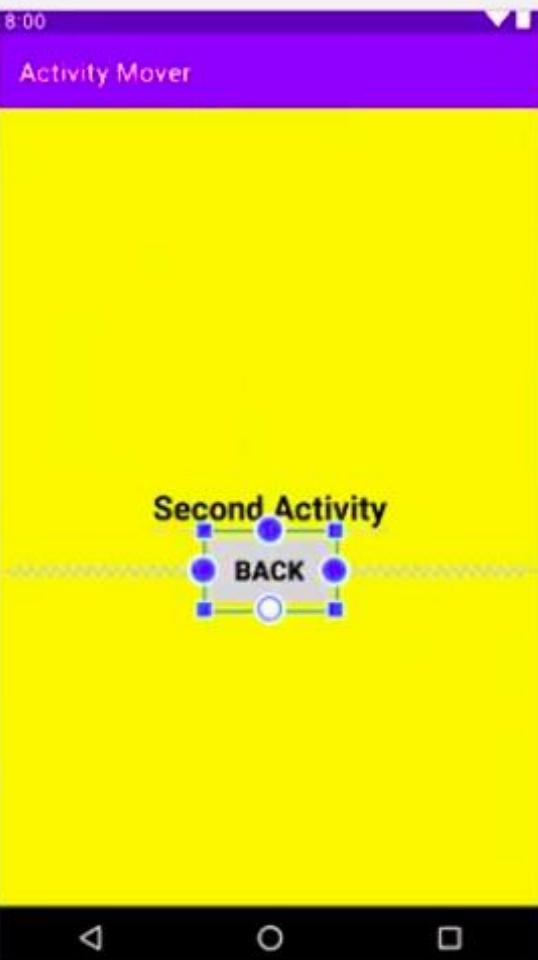
&lt;/RelativeLayout&gt;

@+id/txt2

Press Enter to insert, Tab to replace

Palette

Component Tree



File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Activity Mover [D:\code diary\Andoride Studio\ActivityMover] - ...\\src\\main\\res\\layout\\activity\_main.xml [app]

ActivityMover app src main res layout activity\_main.xml

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

Resource Manager

11 android:id="@+id/txt1"  
12 android:layout\_width="wrap\_content"  
13 android:layout\_height="wrap\_content"  
14 android:text="First Activity"  
15 android:textSize="25sp"  
16 android:textStyle="bold"  
17 android:textColor="#000"  
18 android:layout\_centerInParent="true"></TextView>  
19  
<Button  
20 android:layout\_width="100dp"  
21 android:layout\_height="60dp"  
22 android:text="Next"  
23 android:textSize="20sp"  
24 android:textStyle="bold"  
25 android:textColor="#000"  
26 android:layout\_centerHorizontal="true"  
27 android:layout\_below="@+id/txt1"  
28 android:onClick=""></Button>

Pixel 29 AppTheme

8:00 Activity Mover

First Activity

NEXT

Component Tree

Device File Explorer

RelativeLayout > Button

Terminal Build Logcat TODO

XML tag has empty body

28:26 CRLF UTF-8 4 space

Type here to search

5:46 AM 24/04/2020

ActivityMover > app > src > main > java > com > example > activitymover > MainActivity

activity\_main.xml > activity\_second.xml > MainActivity.java > SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6
7
8 public class MainActivity extends AppCompatActivity {
9
10     @Override
11     protected void onCreate(Bundle savedInstanceState) {
12         super.onCreate(savedInstanceState);
13         setContentView(R.layout.activity_main);
14     }
15
16     public void btnNext(View view) {
17     }
18 }
19
```

MainActivity &gt; btnNext()

activity\_main.xml

```
11     android:id="@+id/txt2"
12     android:layout_width="wrap_content"
13     android:layout_height="wrap_content"
14     android:text="Second Activity"
15     android:textSize="25sp"
16     android:textStyle="bold"
17     android:textColor="#000"
18     android:layout_centerInParent="true"></TextView>
```

&lt;Button

```
20     android:layout_width="100dp"
21     android:layout_height="60dp"
22     android:text="Back"
23     android:textSize="20sp"
24     android:textStyle="bold"
25     android:textColor="#000"
26     android:layout_centerHorizontal="true"
27     android:layout_below="@+id/txt2"
28     android:onClick="btnBack"></Button>
```

&lt;/RelativeLayout&gt;

RelativeLayout &gt; Button

Palette

Pixel 29 AppTheme

8:00

Activity Mover

Second Activity  
BACK

Component Tree



activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6
7
8 public class SecondActivity extends AppCompatActivity {
9
10     @Override
11     protected void onCreate(Bundle savedInstanceState) {
12         super.onCreate(savedInstanceState);
13         setContentView(R.layout.activity_second);
14     }
15
16     public void btnBack(View view) {
17     }
18
19 }
```

Click or press Alt+Enter

SecondActivity &gt; btnBack()

The screenshot shows the Android Studio interface with the code editor open to the `MainActivity.java` file. The code implements a basic activity with an onCreate method and a button click handler.

```
package com.example.activitymover;

import ...

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public void btnNext(View view) {
        Intent i
    }
}
```

MainActivity > btnNext(

Terminal Build Logcat TODO

; expected

18:16 CRLF UTF-8 4 spaces



 Type here to search



ActivityMover > app > src > main > java > com > example > activitymover > MainActivity

activity\_main.xml > activity\_second.xml > MainActivity.java > SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState);
11         setContentView(R.layout.activity_main);
12     }
13
14     public void btnNext(View view) {
15         Intent intent;
16     }
17 }
```

MainActivity > btnNext()

Terminal Build Logcat TODO

': expected' 18:22 CRLF UTF-8 4 space

ActivityMover app src main java com example activitymover MainActivity

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState);
11         setContentView(R.layout.activity_main);
12     }
13
14     public void btnNext(View view) {
15         Intent intent=new Intent();
16     }
17 }
18
19 }
```

MainActivity > btnNext()

Terminal Build Logcat TODO

ActivityMover > app > src > main > java > com > example > activitymover > MainActivity

activity\_main.xml > activity\_second.xml > MainActivity.java > SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(<no parameters>
11                     Intent o
12                     String action
13                     String action, Uri uri
14                     Context packageContext, Class<?> cls
15                     String action, Uri uri, Context packageContext, Class<?> cls)
16
17         setContentView(R.layout.activity_main);
18         Intent intent=new Intent(this,SecondActivity.class);
19         btnNext.setOnClickListener(new View.OnClickListener() {
20             @Override
21             public void onClick(View v) {
22                 startActivity(intent);
23             }
24         });
25     }
26 }
```

MainActivity > btnNext()

Terminal Build Logcat TODO

```
activity_main.xml × activity_second.xml × MainActivity.java × SecondActivity.java ×
```

Resource Manager

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState);
11         setContentView(R.layout.activity_main);
12     }
13
14     public void btnNext(View view) {
15         Intent intent = new Intent(this, SecondActivity.class);
16     }
17 }
```

Project 1: Project

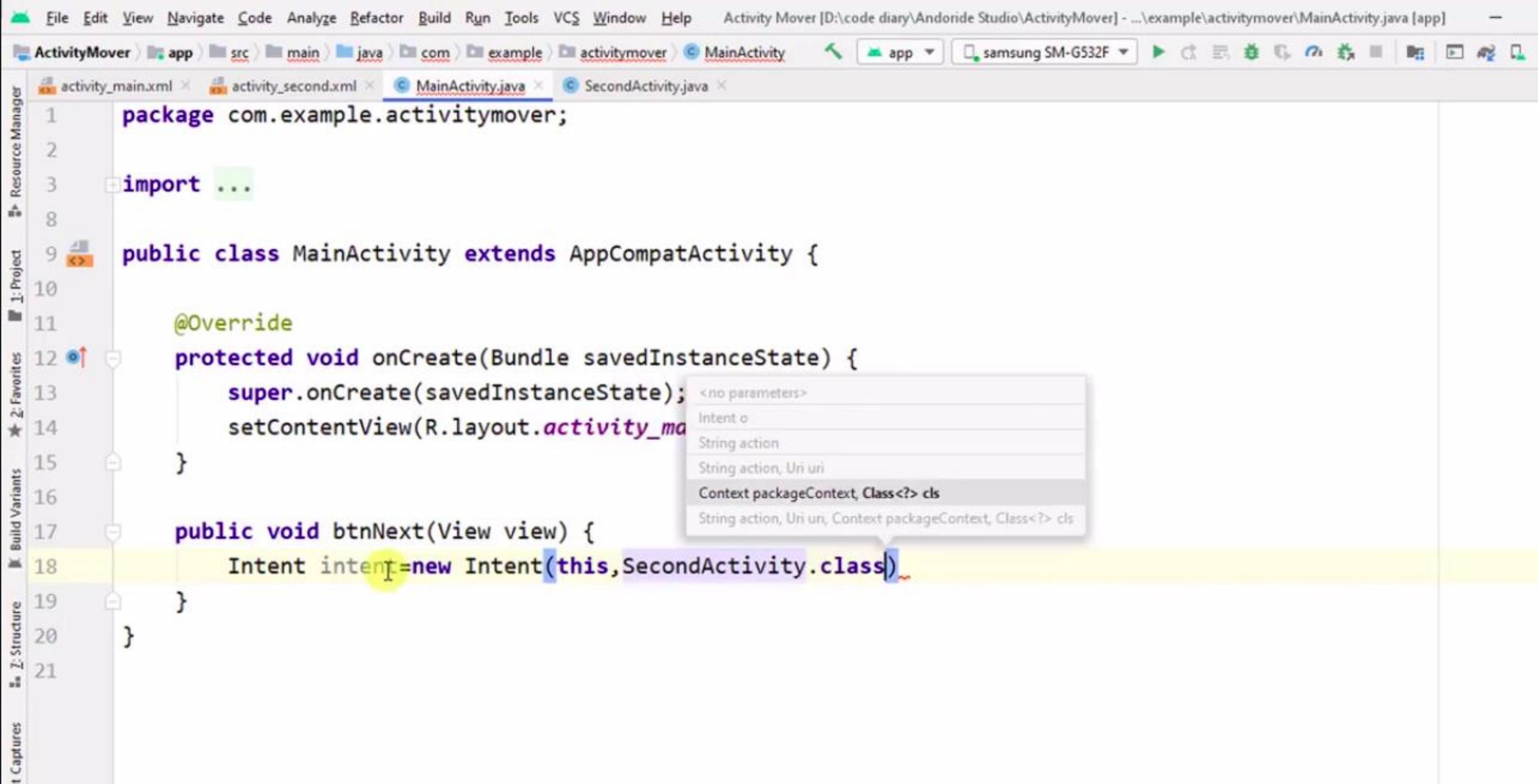
2: Favorites

Build Variants

Structure 2: Structure

Layout Captures

MainActivity > btnNext()



The screenshot shows the Andoride Studio interface with the code editor open to MainActivity.java. A tooltip is displayed over the line of code `Intent intent = new Intent(this, SecondActivity.class);` showing the available constructor parameters for the Intent class. The tooltip includes options like '<no parameters>', 'Intent o', 'String action', 'String action, Uri uri', 'Context packageContext, Class<?> cls', and 'String action, Uri uri, Context packageContext, Class<?> cls'.

Resource Manager

1: Project 2: Favorites 3: Build Variants 4: Structure 5: Layout Captures

```
activity_main.xml activity_second.xml MainActivity.java SecondActivity.java
```

1 package com.example.activitymover;

2

3 import ...

4

5 public class MainActivity extends AppCompatActivity {

6 @Override

7 protected void onCreate(Bundle savedInstanceState) {

8 super.onCreate(savedInstanceState);

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

10 Intent intent = new Intent(this, SecondActivity.class);

11 startActivity(intent);

12 }

13}

14

15

16

17

18 Intent intent = new Intent(this, SecondActivity.class);

19 startActivity(intent);

20}

21}

22}

Press Enter to insert, Tab to replace

MainActivity > btnNext()

Terminal Build Logcat TODO

ActivityMover > app > src > main > java > com > example > activitymover > MainActivity

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState);
11         setContentView(R.layout.activity_main);
12     }
13
14     public void btnNext(View view) {
15         Intent intent=new Intent( packageContext: this,SecondActivity.class);
16         startActivity(intent);
17     }
18
19 }
20
21
22
```

MainActivity > btnNext()

Terminal Build Logcat TODO

ActivityMover > app > src > main > java > com > example > activitymover > SecondActivity

activity\_main.xml > activity\_second.xml > MainActivity.java > SecondActivity.java

samsung SM-G532F

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class SecondActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState) <no parameters>
11         setContentView(R.layout.activity_
12     }
13
14     public void btnBack(View view) {
15         Intent intent=new Intent(packageContext: this,MainActivity.class)
16     }
17
18 }
19
20
21
```

Intent o  
String action  
String action, Uri uri  
Context packageContext, Class<?> cls  
String action, Uri uri, Context packageContext, Class<?> cls

SecondActivity > btnBack()

Terminal Build Logcat TODO

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6
7
8
9 public class SecondActivity extends AppCompatActivity {
10
11     @Override
12     protected void onCreate(Bundle savedInstanceState) {
13         super.onCreate(savedInstanceState);
14         setContentView(R.layout.activity_second);
15     }
16
17     public void btnBack(View view) {
18         Intent intent=new Intent( packageContext: this,MainActivity.class);
19         startActivityForResult();
20     }
21 }
22
```

SecondActivity &gt; btnBack()

```
activity_main.xml × activity_second.xml × MainActivity.java × SecondActivity.java ×
1 package com.example.activitymover;
2
3 import ...
4
5
6
7
8
9 public class SecondActivity extends AppCompatActivity {
10
11     @Override
12     protected void onCreate(Bundle savedInstanceState) {
13         super.onCreate(savedInstanceState);
14         setContentView(R.layout.activity_second);
15     }
16
17     public void btnBack(View view) {
18         Intent intent=new Intent( packageContext: this,MainActivity.class);
19         startActivity(intent);
20     }
21
22 }
```

SecondActivity &gt; btnBack()

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Activity Mover [D:\code diary\Andoride Studio\ActivityMover] - ...\\exa SM G532F

ActivityMover app src main java com example activitymover MainActivity

activity\_main.xml activity\_second.xml MainActivity.java SecondActivity.java

Resource Manager

1 package com.example.activitymover;

2

3 import ...

4

5

6 public class MainActivity extends AppCompatActivity {

7

8

9 @Override

10 protected void onCreate(Bundle savedInstanceState) {

11 super.onCreate(savedInstanceState);

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

13 }

14

15 public void btnNext(View view) {

16 Intent intent=new Intent( packageContext: this,SecondActivity.class);

17 startActivity(intent);

18 }

19}

20}

21}

22}

Install successfully finished in 13 s 404 ms.

SM G532F

100%

Activity Mover

First Activity

NEXT

Terminal Build Logcat Profiler Run TODO

ActivityMover > app > src > main > java > com > example > activitymover > MainActivity

activity\_main.xml < activity\_second.xml < MainActivity.java < SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState);
11         setContentView(R.layout.activity_main);
12     }
13
14     public void btnNext(View view) {
15         Intent intent=new Intent( packageContext: this,SecondActivity.class);
16         startActivity(intent);
17     }
18
19 }
20
21
22
```

MainActivity > btnNext Install successfully finished in 13 s 404 ms.



File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Activity Mover [D:\code diary\Andoride Studio\ActivityMover] - ... \example

ActivityMover > app > src > main > java > com > example > activitymover > MainActivity

activity\_main.xml > activity\_second.xml > MainActivity.java > SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState);
11         setContentView(R.layout.activity_main);
12     }
13
14     public void btnNext(View view) {
15         Intent intent=new Intent( packageContext: this,SecondActivity.class);
16         startActivity(intent);
17     }
18
19 }
20
21
22
```

MainActivity > btnNext Install successfully finished in 13 s 404 ms.

Resource Manager

1:Project

2:Favorites

Build Variants

Layout Captures

SM G532F

SM G532F

100%

Activity Mover

Second Activity

BACK

ActivityMover > app > src > main > java > com > example > activitymover > MainActivity

activity\_main.xml < activity\_second.xml < MainActivity.java < SecondActivity.java

```
1 package com.example.activitymover;
2
3 import ...
4
5
6 public class MainActivity extends AppCompatActivity {
7
8     @Override
9     protected void onCreate(Bundle savedInstanceState) {
10         super.onCreate(savedInstanceState);
11         setContentView(R.layout.activity_main);
12     }
13
14     public void btnNext(View view) {
15         Intent intent=new Intent( packageContext: this,SecondActivity.class);
16         startActivity(intent);
17     }
18
19 }
20
21
22
```

MainActivity > btnNext Install successfully finished in 13 s 404 ms.

Terminal Build Logcat Profiler Run TODO





