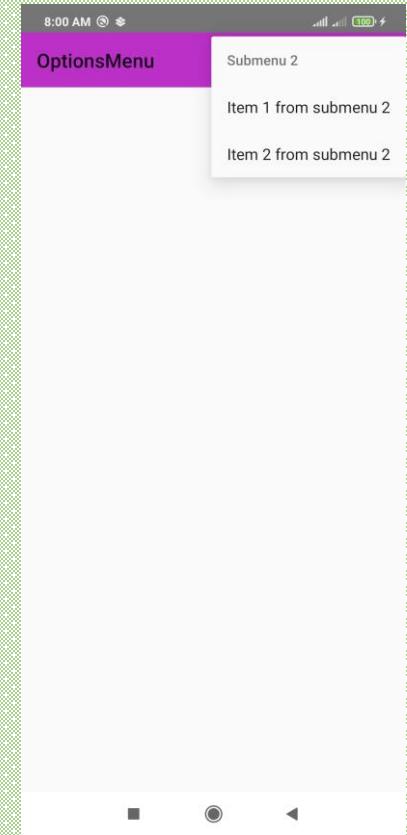
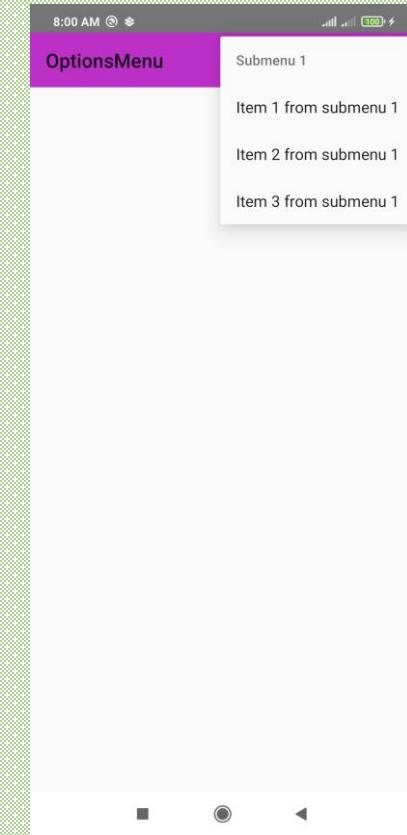
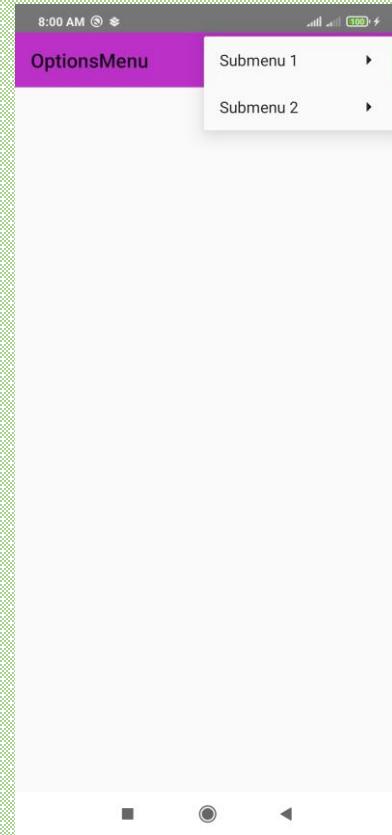
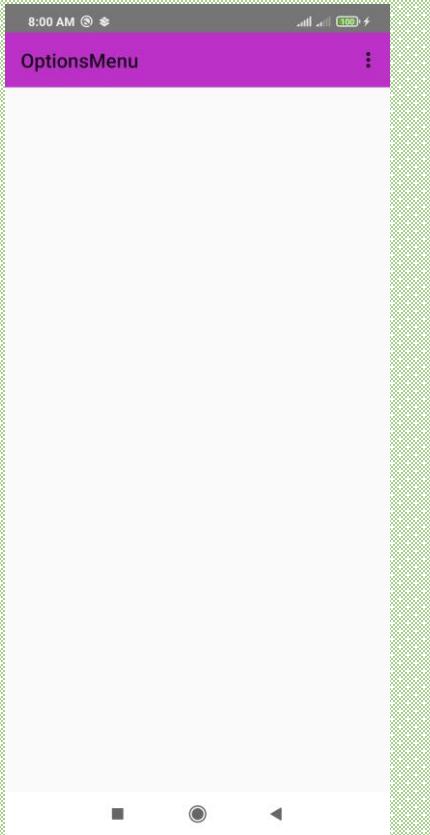


Options Menu



AndroidManifest.xml

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:tools="http://schemas.android.com/tools">
4
5      <application
6          android:allowBackup="true"
7          android:dataExtractionRules="@xml/data_extraction_rules"
8          android:fullBackupContent="@xml/backup_rules"
9          android:icon="@mipmap/ic_launcher"
10         android:label="OptionsMenu"
11         android:roundIcon="@mipmap/ic_launcher_round"
12         android:supportsRtl="true"
13         android:theme="@style/Theme.AppCompat.Light.NoActionBar" (Red circle)
14         tools:targetApi="31">
15             <activity
16                 android:name=".MainActivity"
17                 android:exported="true">
18                 <intent-filter>
19                     <action android:name="android.intent.action.MAIN" />
20
21                     <category android:name="android.intent.category.LAUNCHER" />
22                 </intent-filter>
23             </activity>
24         </application>
25
26     </manifest>
```

The screenshot shows the Android Studio interface with the project structure on the left and the code editor on the right. The code editor displays the XML configuration for a menu named 'option_menu.xml'. The XML code defines a main menu with two items. Each item has a submenu containing three items. The submenu items are styled with the attribute `app:showAsAction="ifRoom|withText"`, which is highlighted in green. The entire code block is highlighted with a light yellow background. A red oval highlights the file name 'option_menu.xml' in the project tree.

```
<?xml version="1.0" encoding="utf-8"?>
<menu xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto">
    <item android:id="@+id/i1" android:title="Submenu 1" app:showAsAction="never">
        <menu>
            <item android:id="@+id/s11" android:title="Item 1 from submenu 1" app:showAsAction="ifRoom" />
            <item android:id="@+id/s12" android:title="Item 2 from submenu 1" app:showAsAction="ifRoom|withText" />
            <item android:id="@+id/s13" android:title="Item 3 from submenu 1" app:showAsAction="ifRoom|withText" />
        </menu>
    </item>
    <item android:id="@+id/i2" android:title="Submenu 2" app:showAsAction="never">
        <menu>
            <item android:id="@+id/s21" android:title="Item 1 from submenu 2" app:showAsAction="ifRoom|withText" />
            <item android:id="@+id/s22" android:title="Item 2 from submenu 2" app:showAsAction="ifRoom|withText" />
        </menu>
    </item>
</menu>
```

The screenshot shows the Android Studio interface with the following details:

- Project Structure:** The left sidebar shows the project structure under the `app` module. The `layout` folder is circled in red, containing `activity_main.xml` and `toolbar.xml`.
- Code Editor:** The main editor window displays the `toolbar.xml` file content:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.appcompat.widget.Toolbar xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:background="#bb30c7"
    android:elevation="4dp"
    android:theme="@style/ThemeOverlay.AppCompat.ActionBar">

</androidx.appcompat.widget.Toolbar>
```
- Preview Window:** To the right of the code editor is a preview window showing a purple toolbar component.
- Toolbar:** The bottom right corner of the preview window has a dark teal bar labeled "Toolbar".

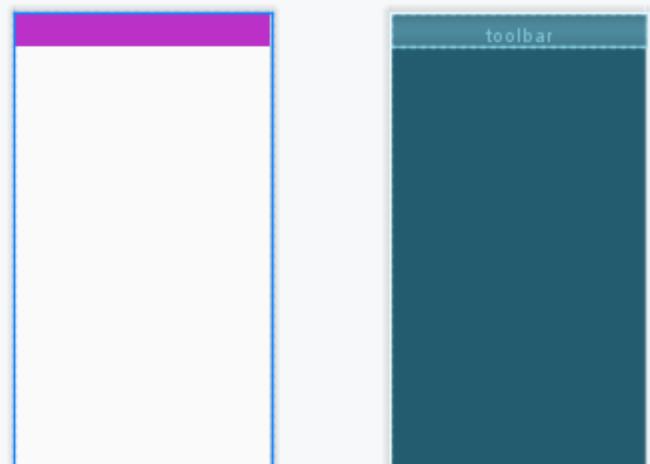
</> activity_main.xml ×

```
1 <?xml version="1.0" encoding="utf-8"?>
2 (C) <androidx.constraintlayout.widget.ConstraintLayout xmlns:
3     xmlns:app="http://schemas.android.com/apk/res-auto"
4     xmlns:tools="http://schemas.android.com/tools"
5     android:id="@+id/main"
6     android:layout_width="match_parent"
7     android:layout_height="match_parent"
8     tools:context=".MainActivity">
9
10    <LinearLayout
11        android:layout_width="match_parent"
12        android:layout_height="wrap_content"
13        android:layout_weight="1"
14        android:orientation="vertical"
15        tools:ignore="MissingConstraints">
16        <include android:id="@+id/toolbar"
17            layout="@layout/toolbar"/>
18
19    </LinearLayout>
20
21 </androidx.constraintlayout.widget.ConstraintLayout>
```

Palette

activity_main.xml ▾ | ☰ | ☱ | ☲ | Pixel ▾ | 34 ▾

eye | 0dp | ⚡ | ✎ | ↴



© MainActivity.java ×

```
1 package com.example.optionsmenu;  
2  
3 import android.os.Bundle;  
4 import android.view.Menu;  
5 import androidx.appcompat.widget.Toolbar;  
6 import androidx.appcompat.app.AppCompatActivity;  
7  
8  
9 ▷ </> public class MainActivity extends AppCompatActivity {  
10  
11     @Override  
12     protected void onCreate(Bundle savedInstanceState) {  
13         super.onCreate(savedInstanceState);  
14         setContentView(R.layout.activity_main);  
15  
16         Toolbar toolbar = findViewById(R.id.toolbar);  
17         setSupportActionBar(toolbar);  
18     } //onCreate  
19  
20     // using inflater for menu  
21     public boolean onCreateOptionsMenu(Menu menu)  
22     {  
23         getMenuInflater().inflate(R.menu.option_menu, menu);  
24         return true;  
25     }  
26  
27 }
```