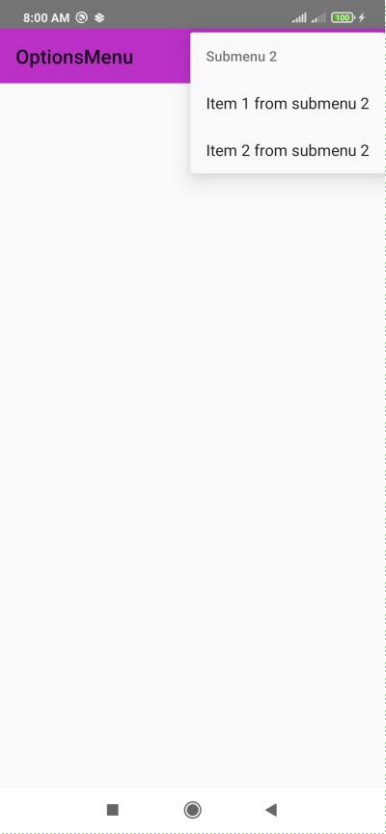
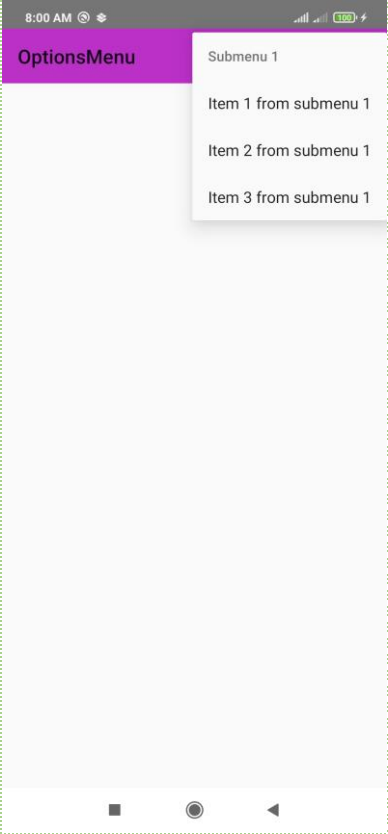
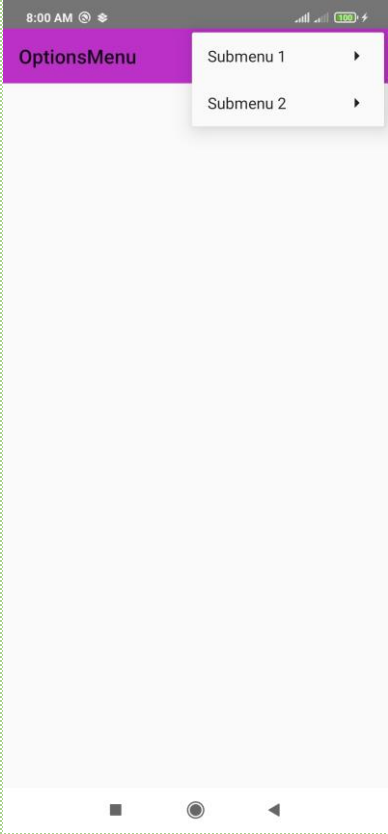
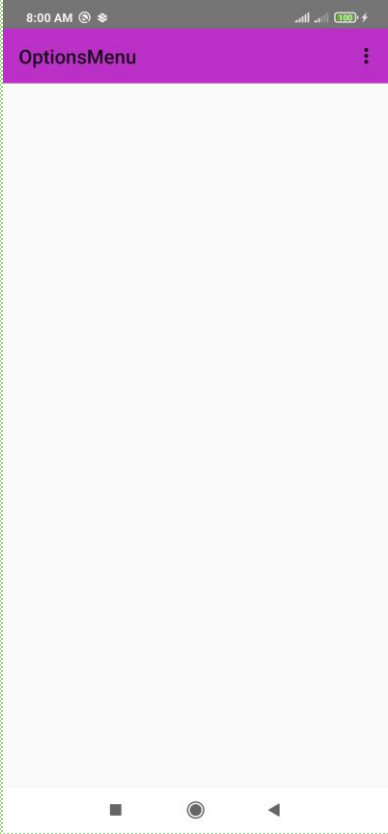


Options Menu



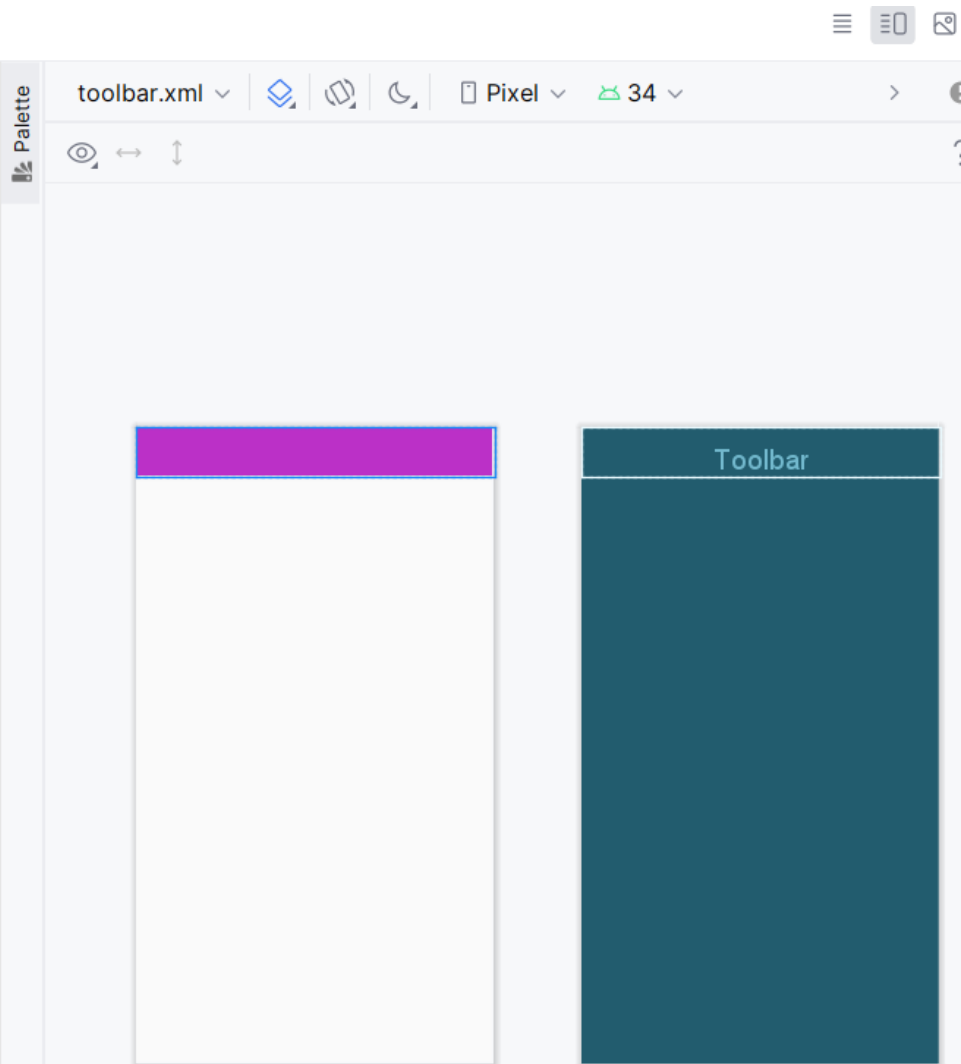
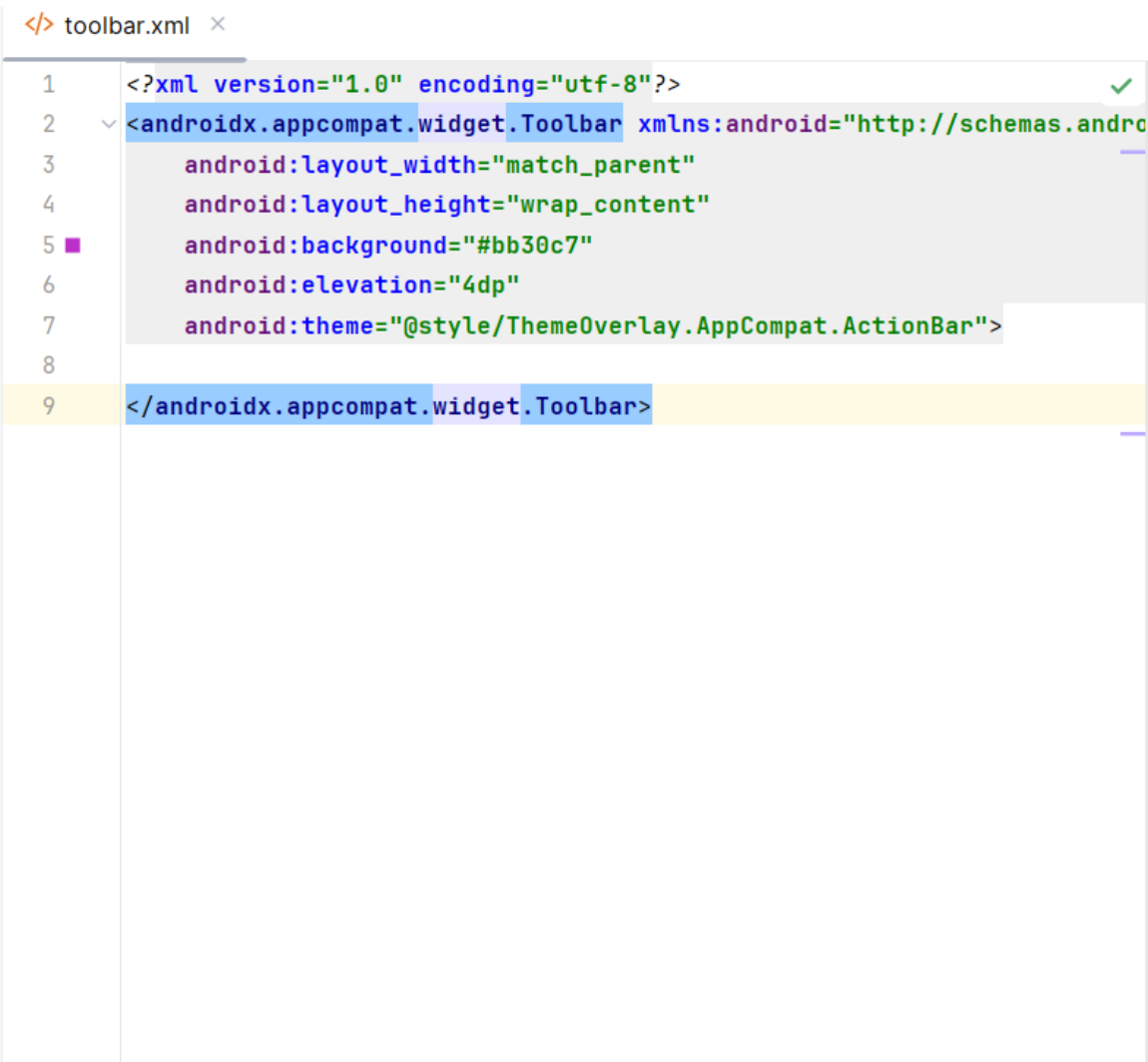
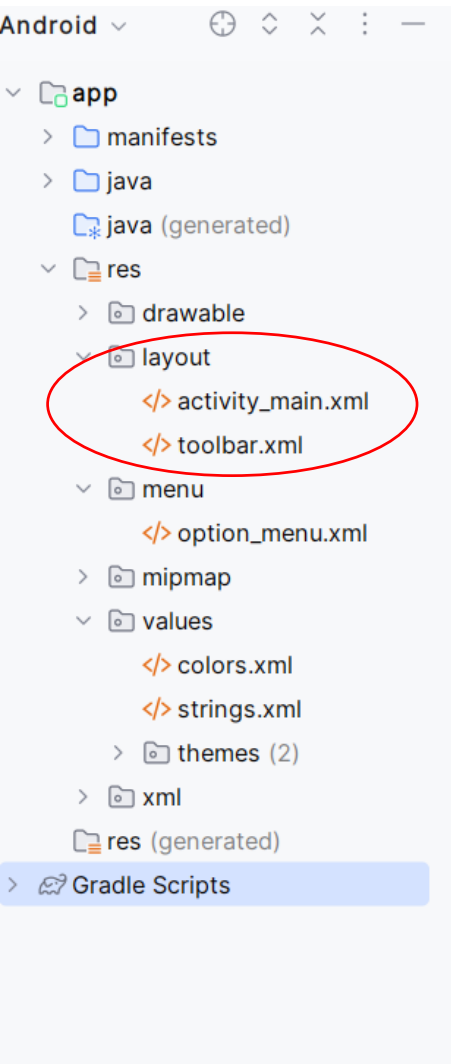
```
1  <?xml version="1.0" encoding="utf-8"?>
2  <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3      xmlns:tools="http://schemas.android.com/tools">
4
5      <application
6          android:allowBackup="true"
7          android:dataExtractionRules="@xml/data_extraction_rules"
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"
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>
```

Android

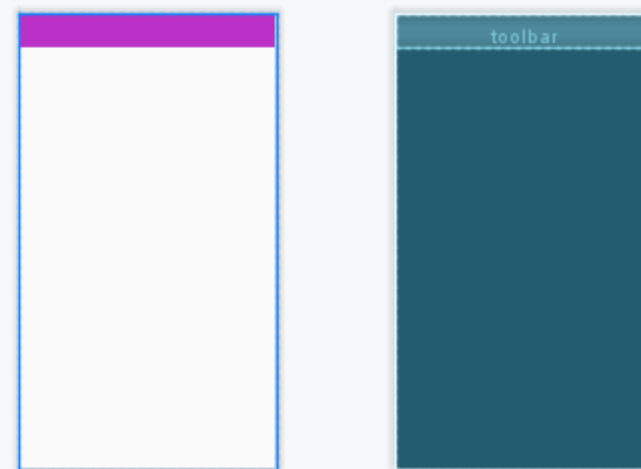
- app
 - manifests
 - java
 - java (generated)
 - res
 - drawable
 - layout
 - menu
 - option_menu.xml
 - mipmap
 - values
 - xml
 - res (generated)
 - Gradle Scripts




option_menu.xml

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <menu xmlns:android="http://schemas.android.com/apk/res/android"
3     xmlns:app="http://schemas.android.com/apk/res-auto">
4     <item android:id="@+id/i1" android:title="Submenu 1" app:showAsAction="never">
5         <menu>
6             <item android:id="@+id/s11" android:title="Item 1 from submenu 1" app:showAsAction="ifRoom" />
7             <item android:id="@+id/s12" android:title="Item 2 from submenu 1" app:showAsAction="ifRoom|withText" />
8             <item android:id="@+id/s13" android:title="Item 3 from submenu 1" app:showAsAction="ifRoom|withText" />
9         </menu>
10    </item>
11    <item android:id="@+id/i2" android:title="Submenu 2" app:showAsAction="never">
12        <menu>
13            <item android:id="@+id/s21" android:title="Item 1 from submenu 2" app:showAsAction="ifRoom|withText" />
14            <item android:id="@+id/s22" android:title="Item 2 from submenu 2" app:showAsAction="ifRoom|withText" />
15        </menu>
16    </item>
17 </menu>
```



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <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>
```



```
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 }
```