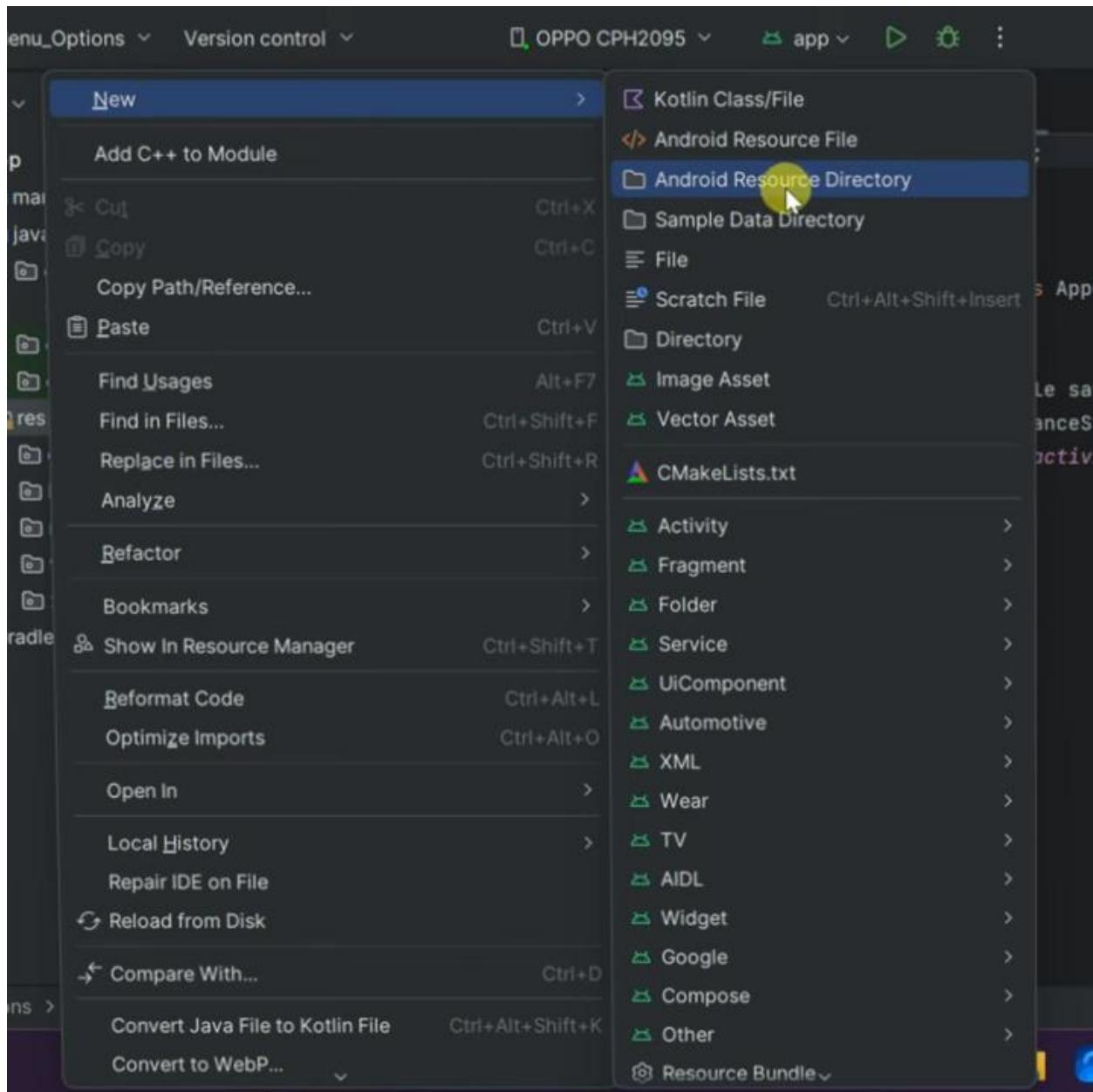
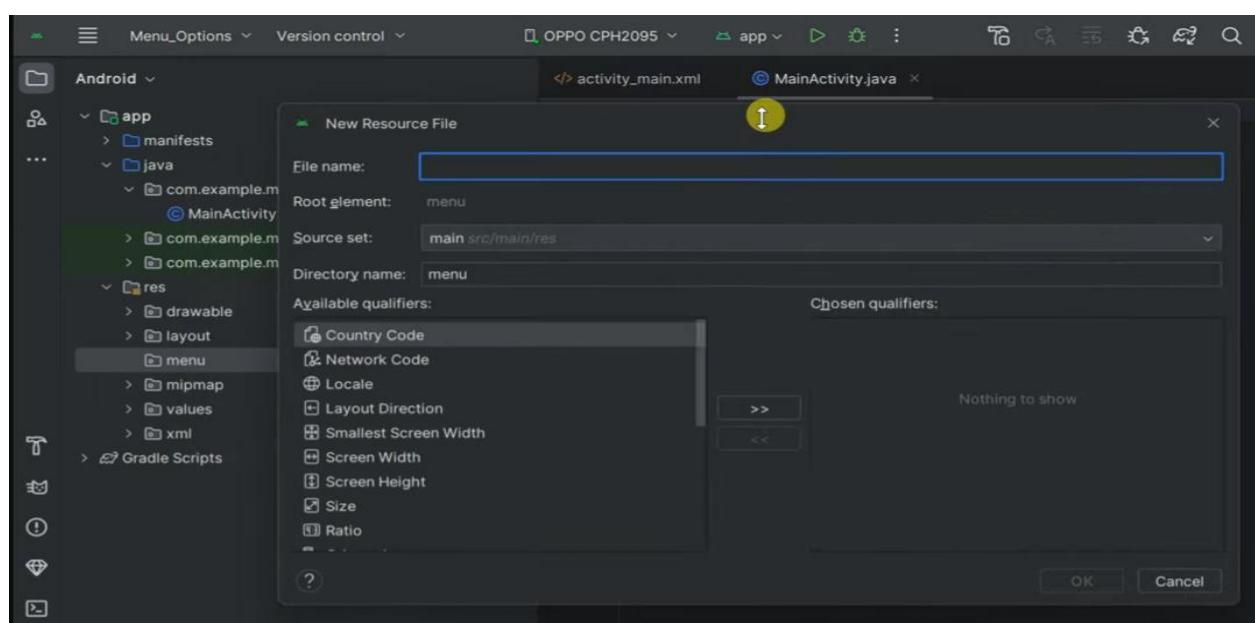
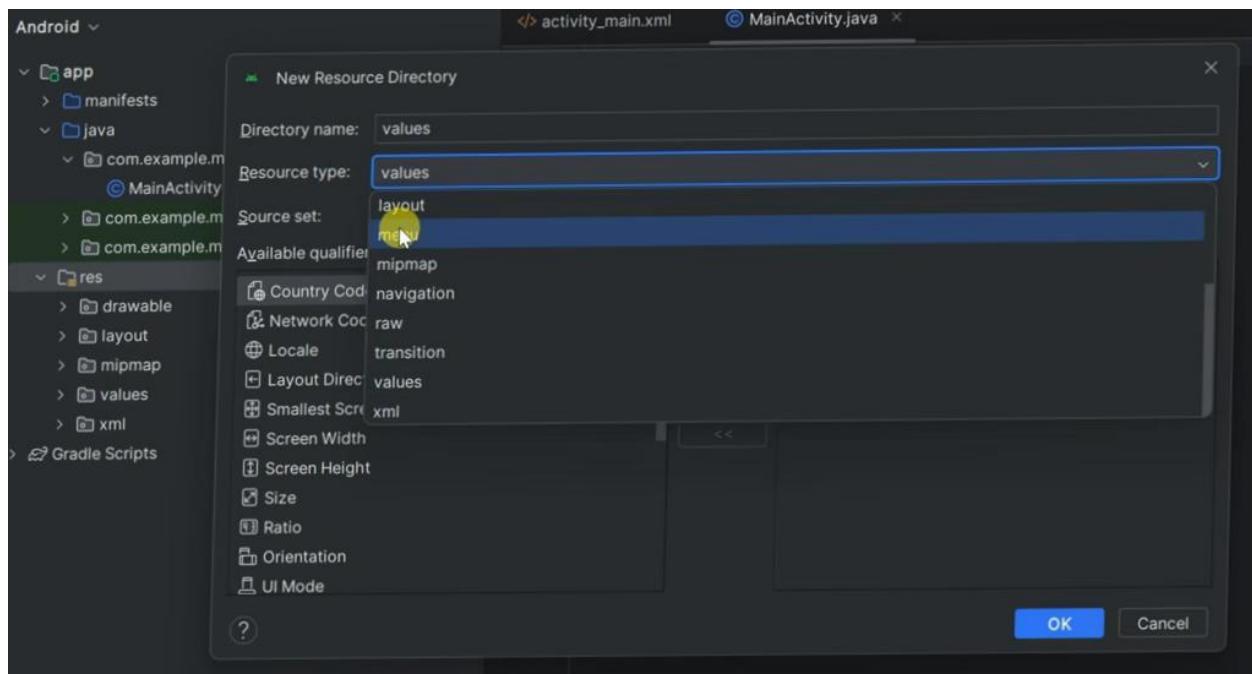
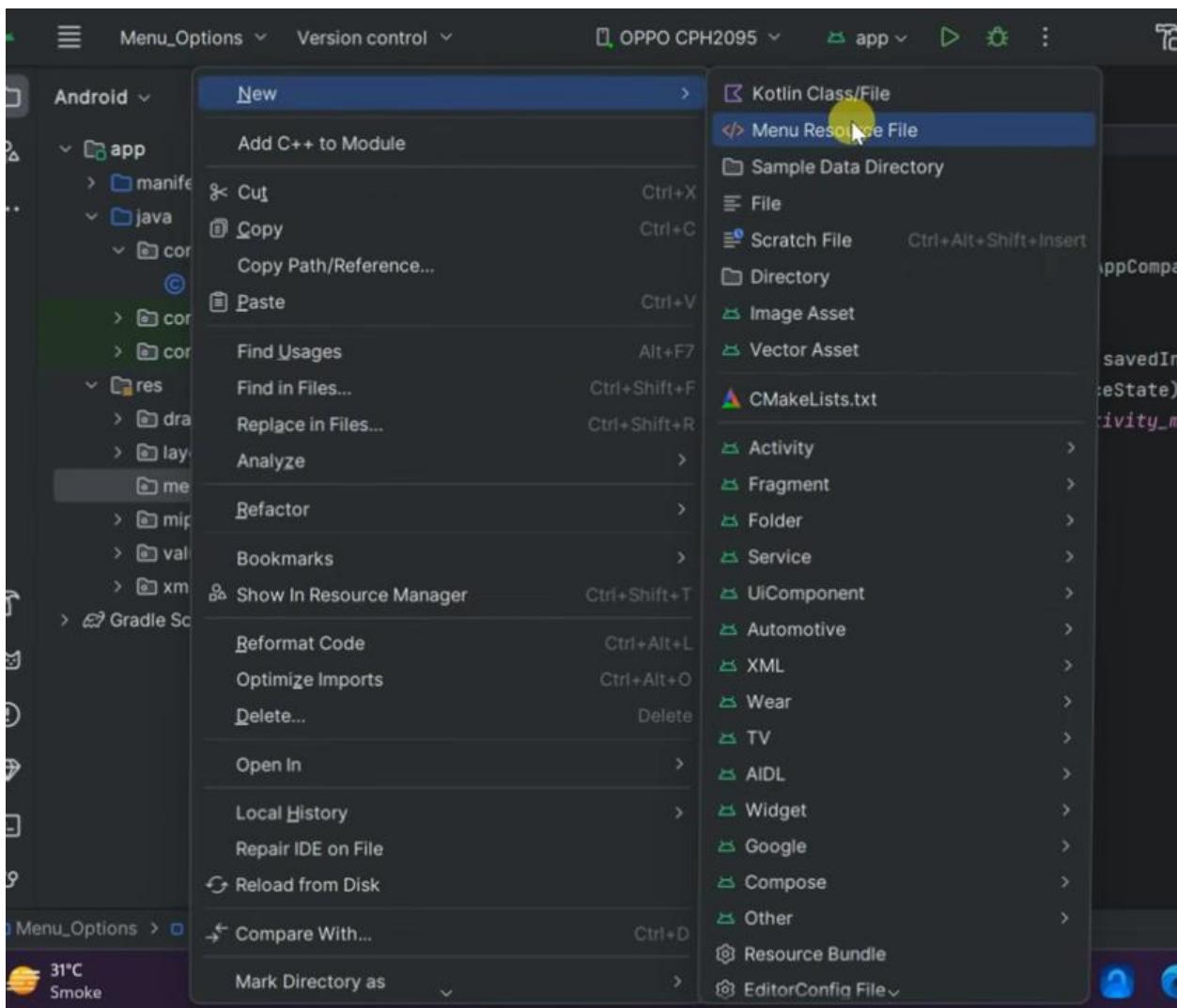


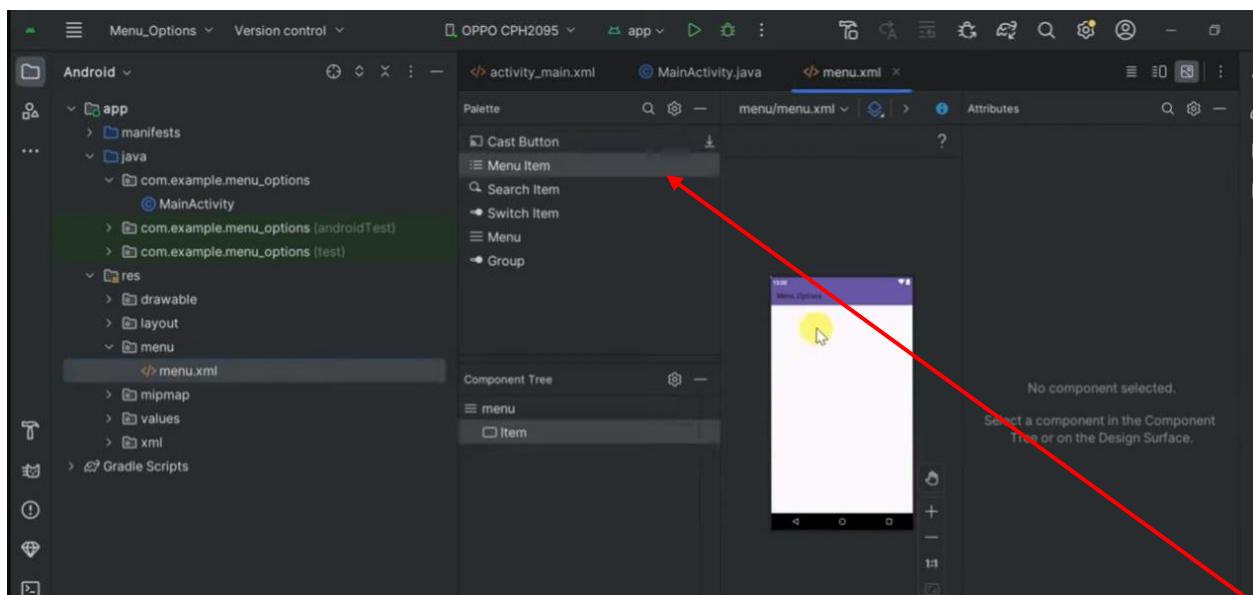
# Practical no. 5 – Programming Menus

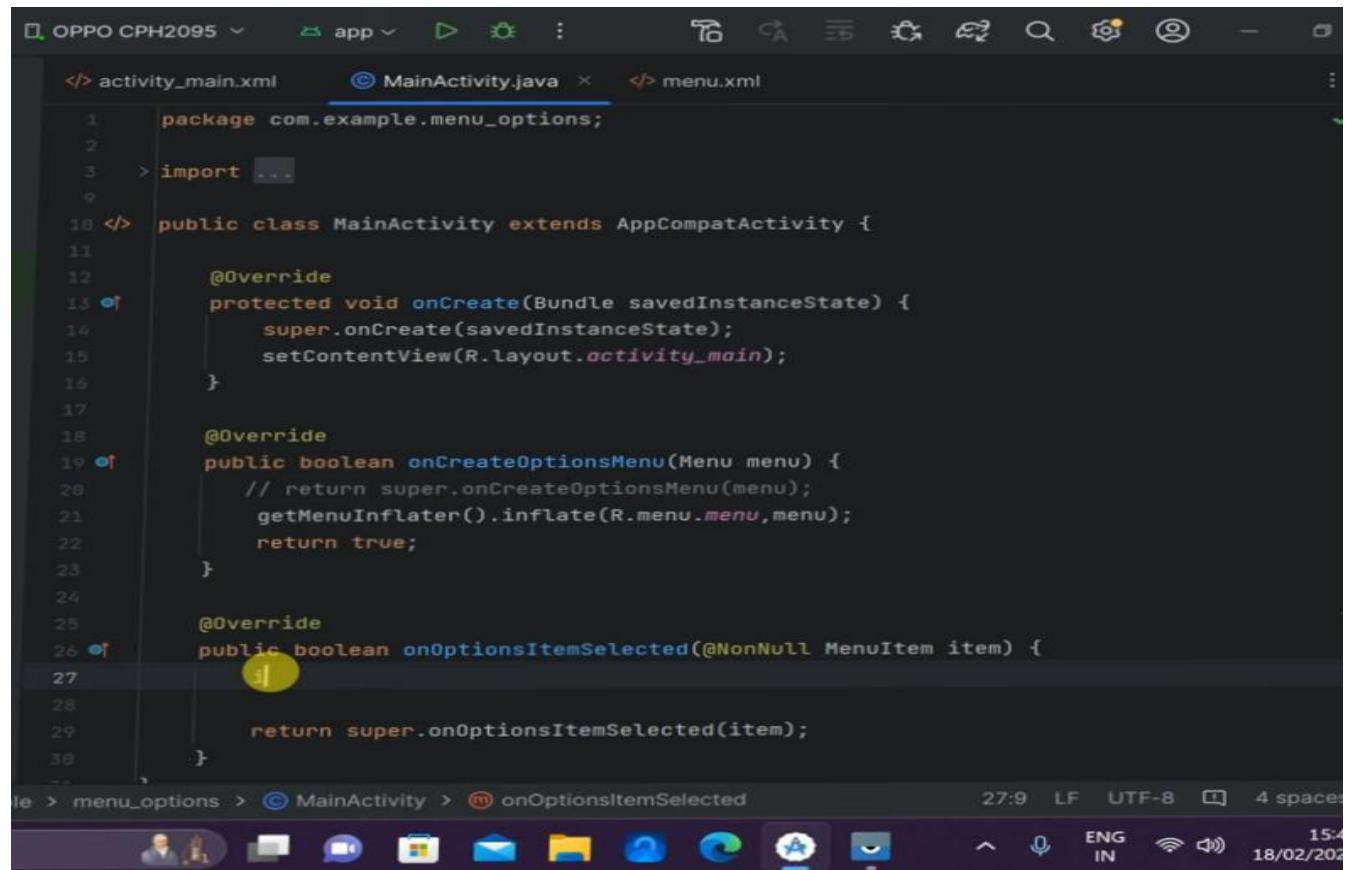
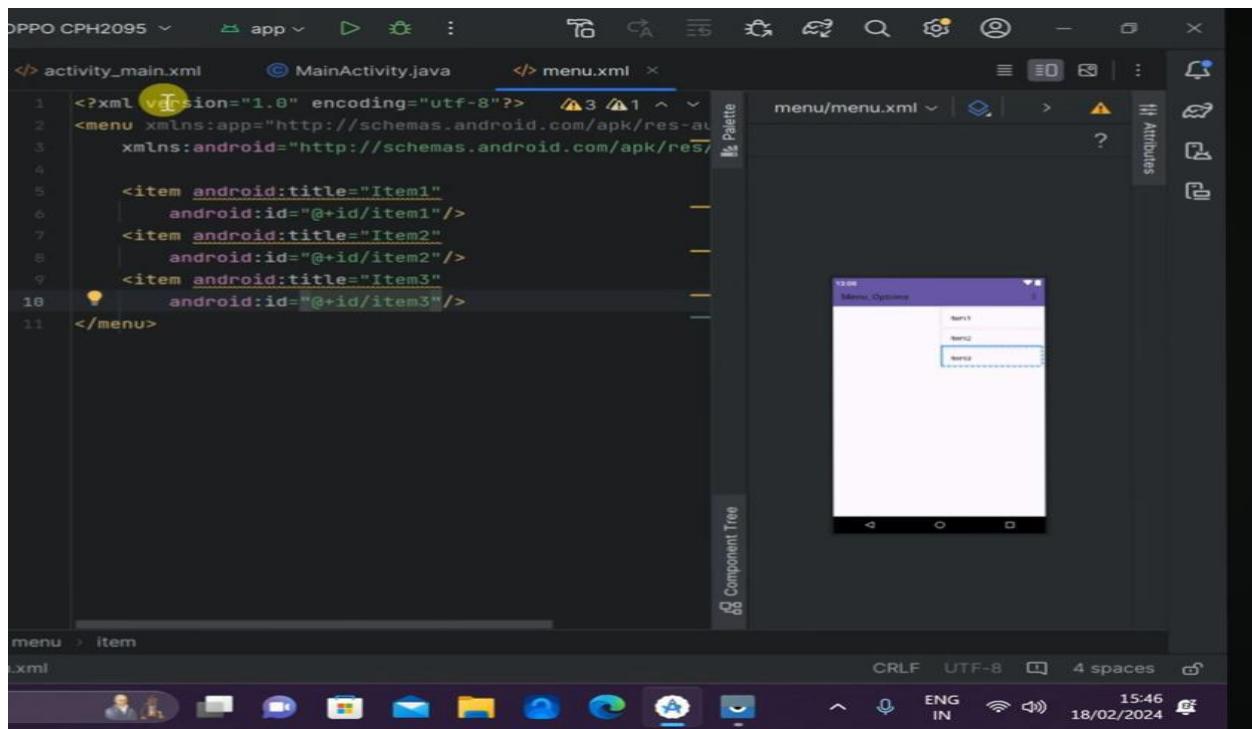






Drag and drop the menu item 3 times on menu.xml





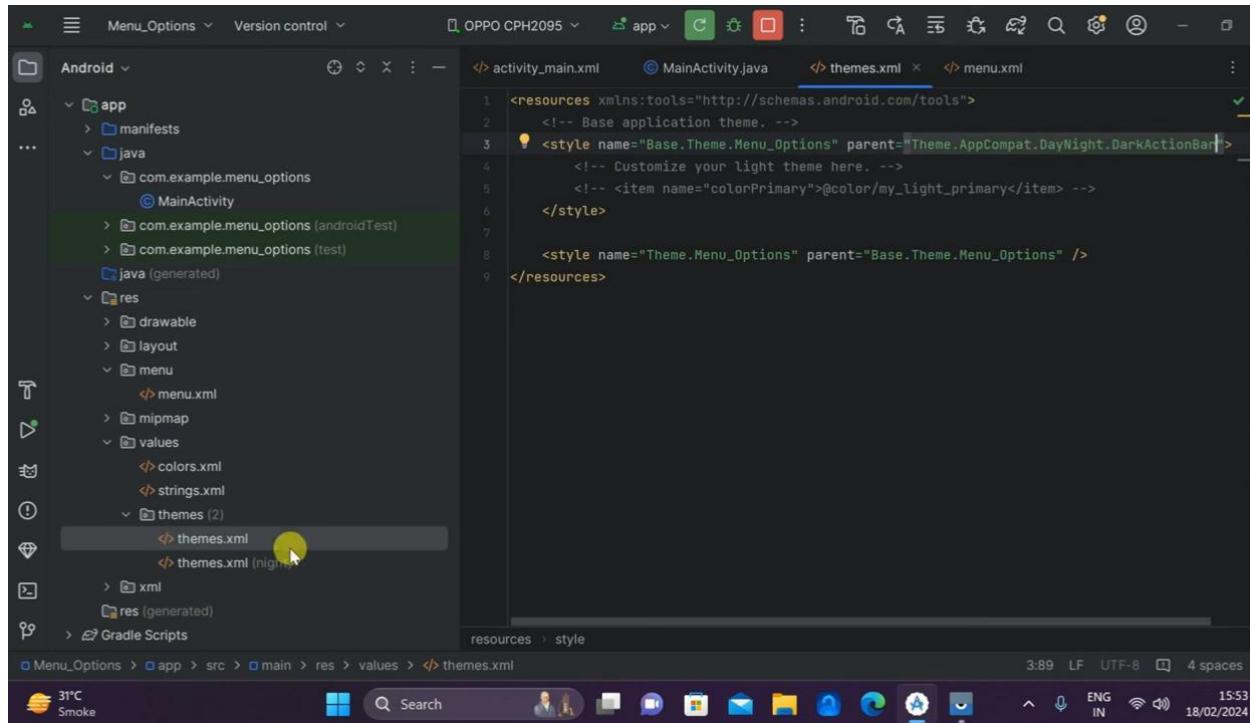
OPPO CPH2095 app : MainActivity.java

```
17 }  
18  
19     @Override  
20     public boolean onCreateOptionsMenu(Menu menu) {  
21         // return super.onCreateOptionsMenu(menu);  
22         getMenuInflater().inflate(R.menu.menu, menu);  
23         return true;  
24     }  
25  
26     @Override  
27     public boolean onOptionsItemSelected(@NonNull MenuItem item) {  
28         int id = item.getItemId();  
29         if (id == R.id.item1) {  
30             Toast.makeText(context, text: "Item 1 Selected", Toast.LENGTH_SHORT).show()  
31         } else if (id == R.id.item2) {  
32             Toast.makeText(context, text: "Item 2 Selected", Toast.LENGTH_SHORT).show()  
33         } else if (id == R.id.item3) {  
34             Toast.makeText(context, text: "Item 3 Selected", Toast.LENGTH_SHORT).show()  
35         } else {  
36             return super.onOptionsItemSelected(item);  
37         }  
38     }  
39     return true;  
40 }  
41 }
```

OPPO CPH2095 app : themes.xml

```
<resources xmlns:tools="http://schemas.android.com/tools">  
    <!-- Base application theme. -->  
    <style name="Base.Theme.Menu_Options" parent="Theme.Material3.DayNight.NoActionBar">  
        <!-- Customize your light theme here. -->  
        <item name="colorPrimary">@color/my_light_primary</item>  
    </style>  
  
    <style name="Theme.Menu_Options" parent="Base.Theme.Menu_Options" />  
</resources>
```

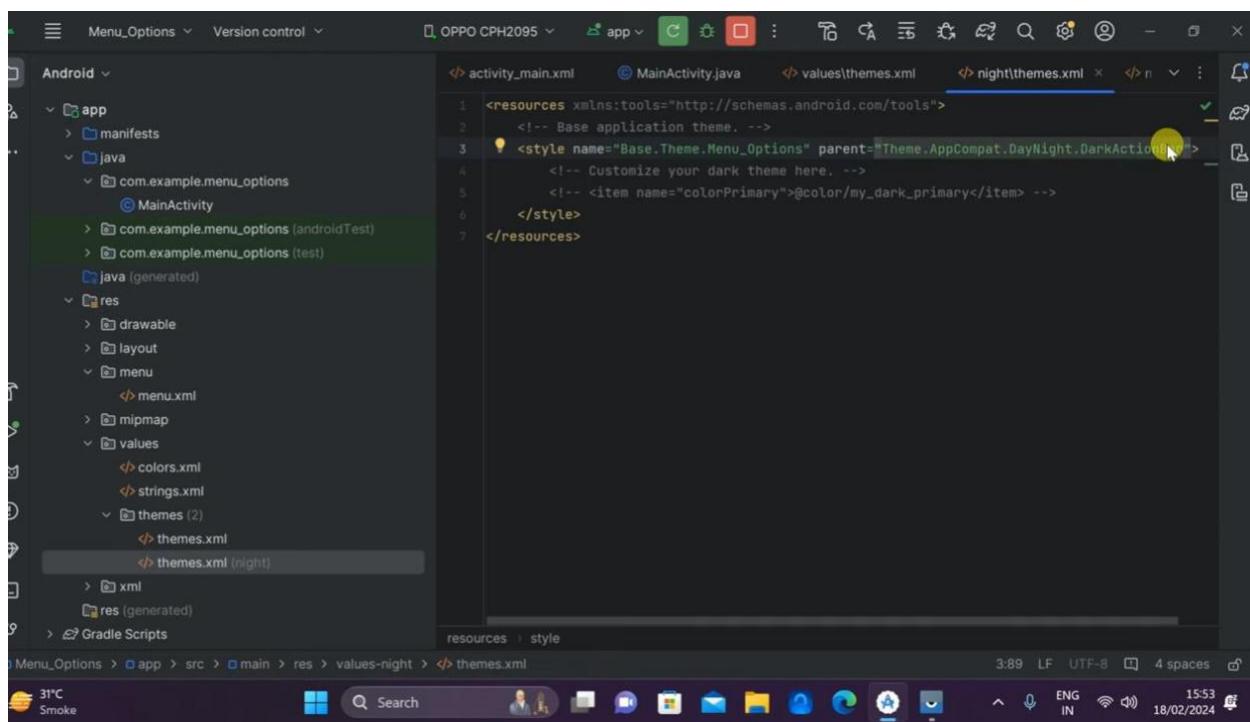
The screenshot shows the Android Studio interface with the project structure on the left and the XML code editor on the right. The code editor displays the contents of the 'themes.xml' file located in the 'res/values' directory. The code defines a base theme for the application and a specific theme for the 'Menu\_Options' configuration.



The screenshot shows the Android Studio interface with the project navigation bar at the top. Below it is the file tree under the 'Android' tab, showing the structure of the 'app' module. The 'res/values/themes' folder contains two files: 'themes.xml' and 'themes.xml (night)'. The 'themes.xml' file is currently selected and open in the main editor area. The code in the editor is:

```
<resources xmlns:tools="http://schemas.android.com/tools">
    <!-- Base application theme. -->
    <style name="Base.Theme.Menu_Options" parent="Theme.AppCompat.DayNight.DarkActionBar">
        <!-- Customize your light theme here. -->
        <item name="colorPrimary">@color/my_light_primary</item>
    </style>

    <style name="Theme.Menu_Options" parent="Base.Theme.Menu_Options" />
</resources>
```



This screenshot is similar to the first one, but the 'values/themes' folder is now expanded, and the 'themes.xml (night)' file is selected and open in the editor. The code is identical to the one in the first screenshot.

```
<resources xmlns:tools="http://schemas.android.com/tools">
    <!-- Base application theme. -->
    <style name="Base.Theme.Menu_Options" parent="Theme.AppCompat.DayNight.DarkActionBar">
        <!-- Customize your dark theme here. -->
        <item name="colorPrimary">@color/my_dark_primary</item>
    </style>

    <style name="Theme.Menu_Options" parent="Base.Theme.Menu_Options" />
</resources>
```