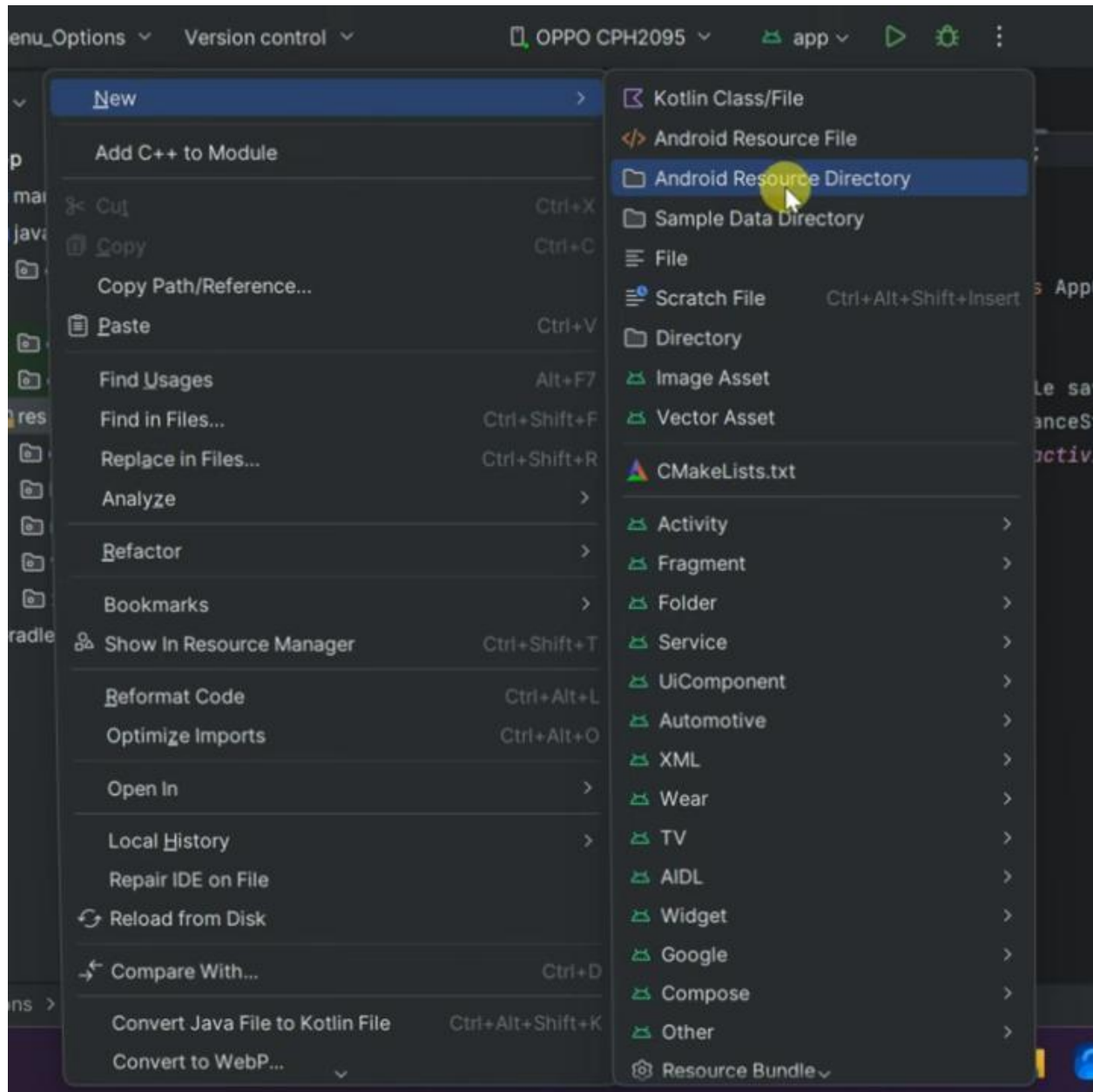
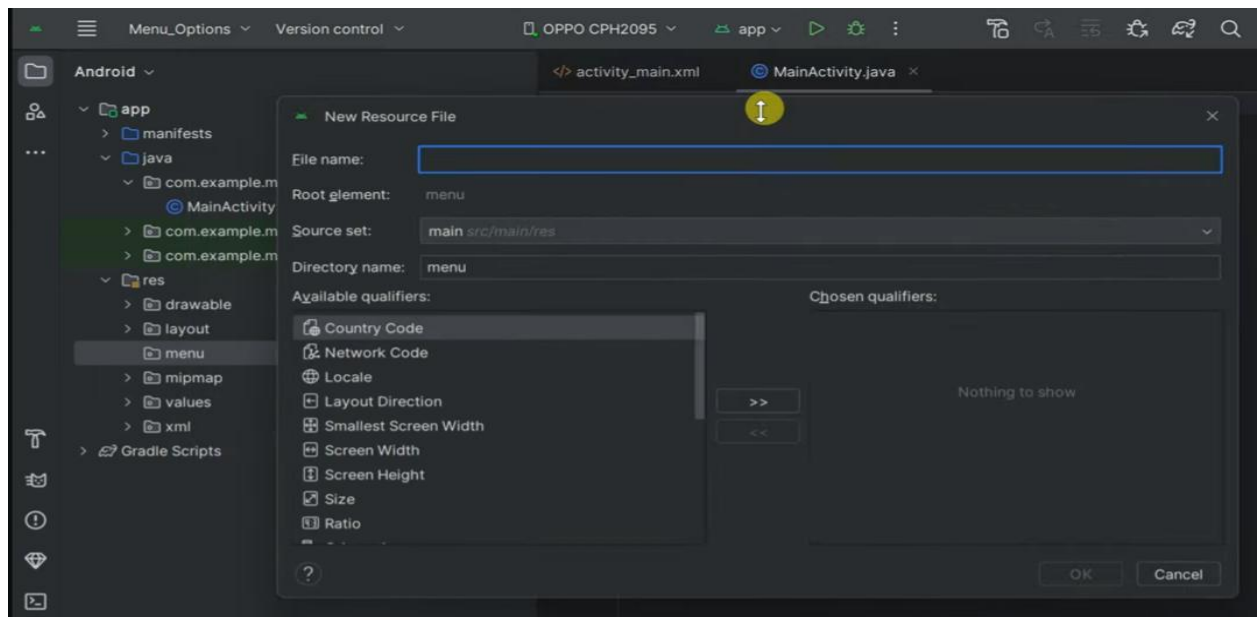
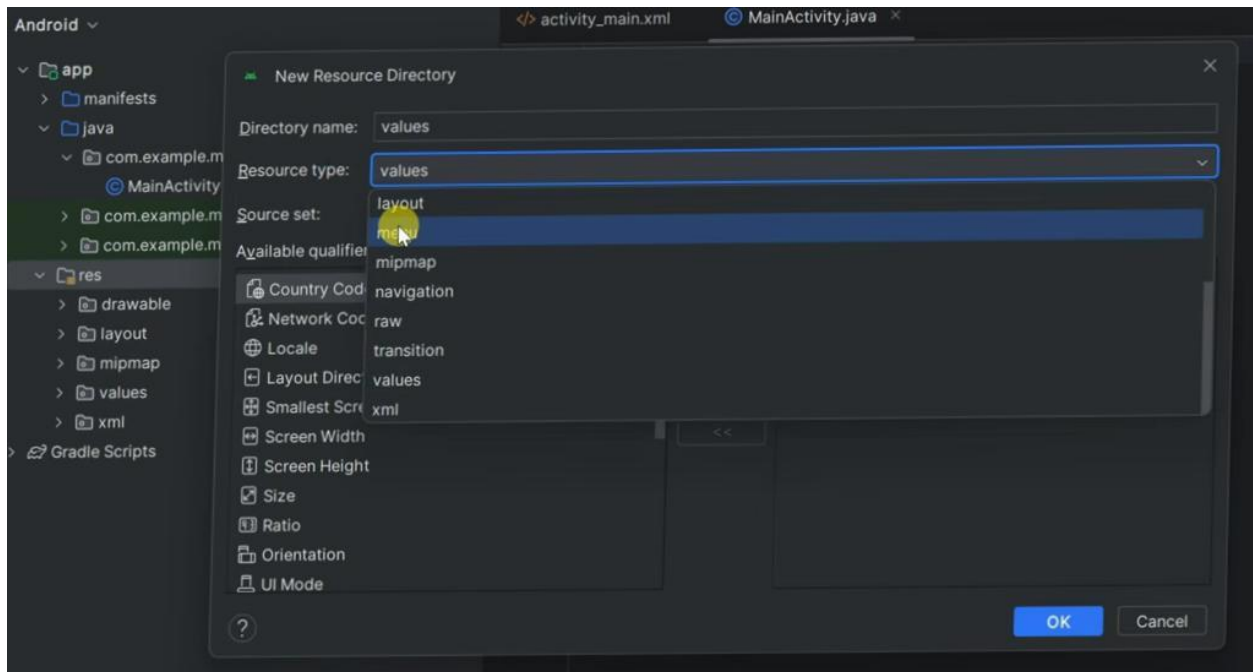
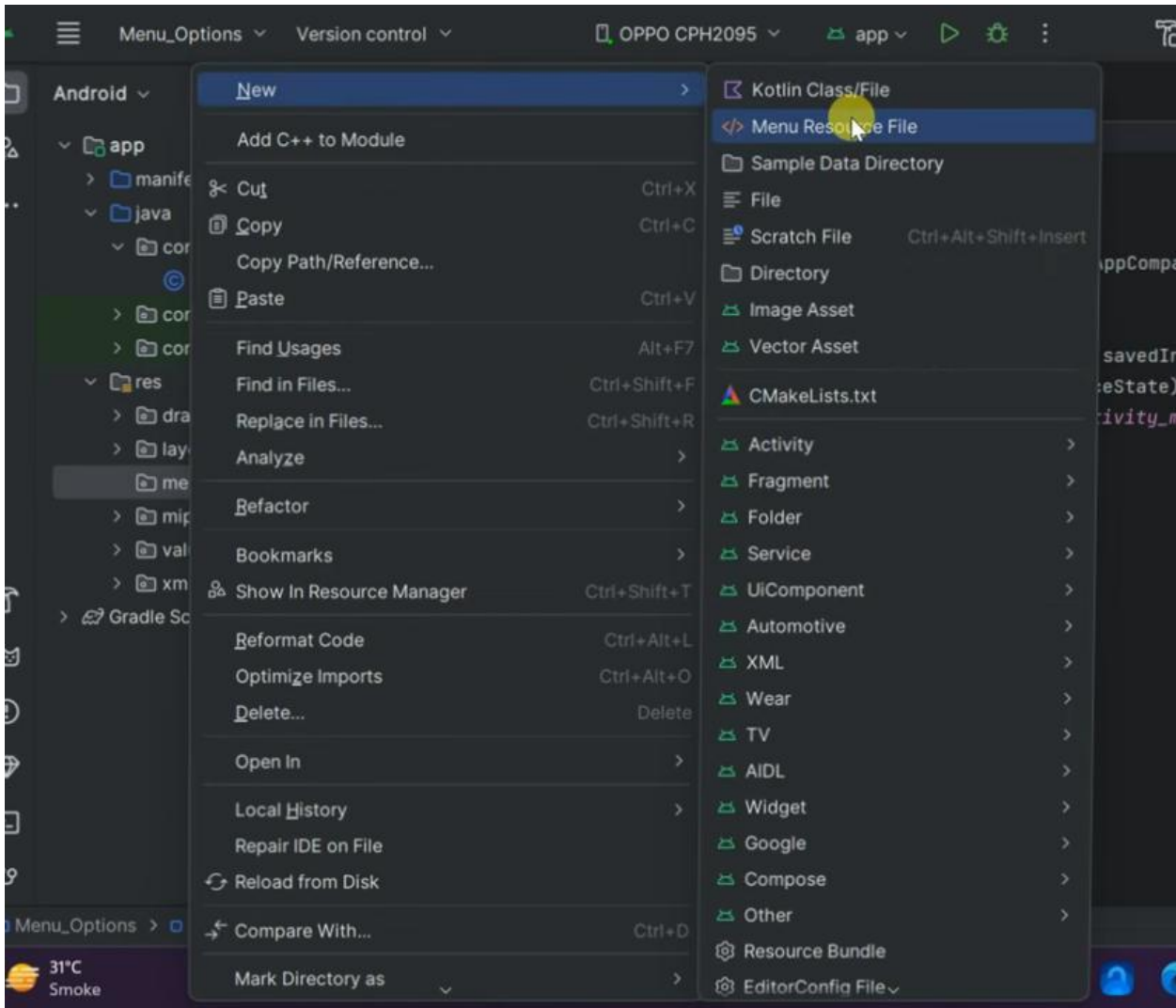


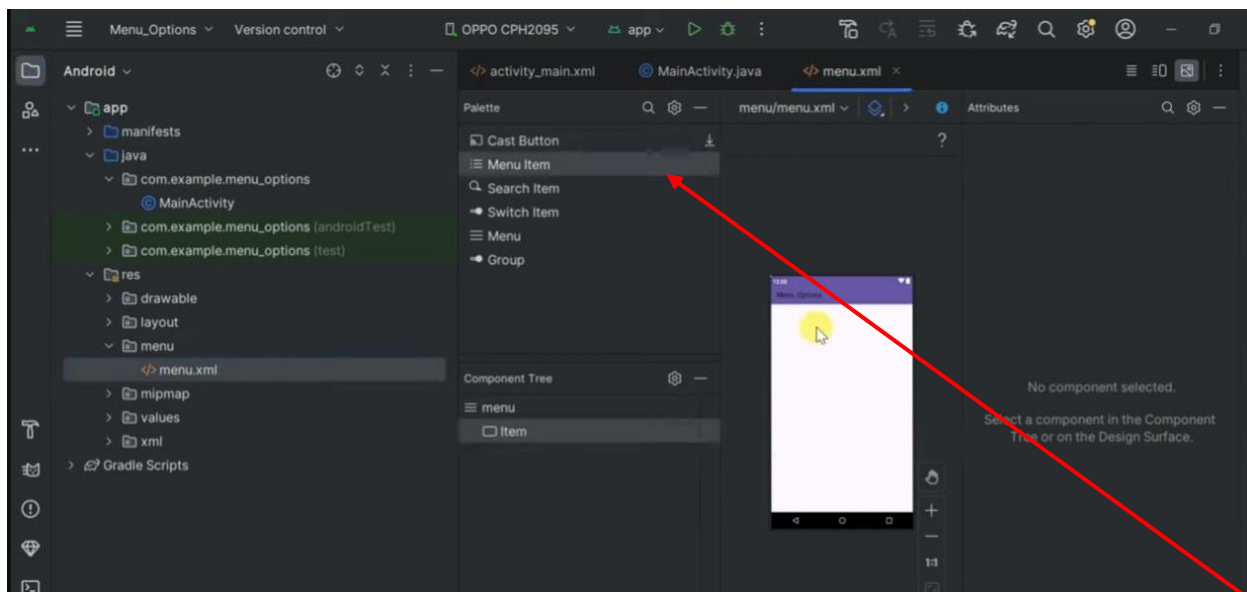
## Practical no. 5 – Programming Menus

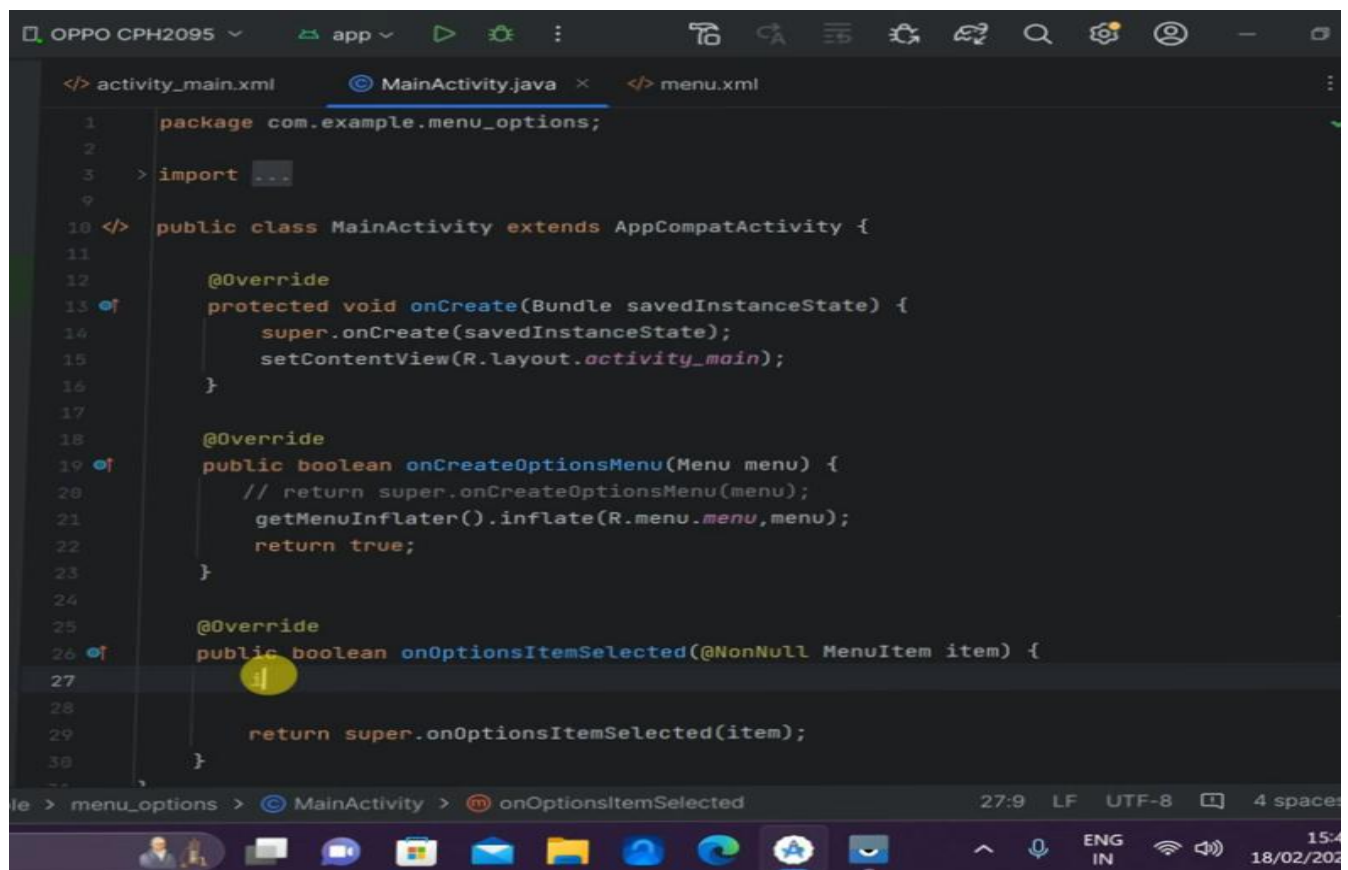
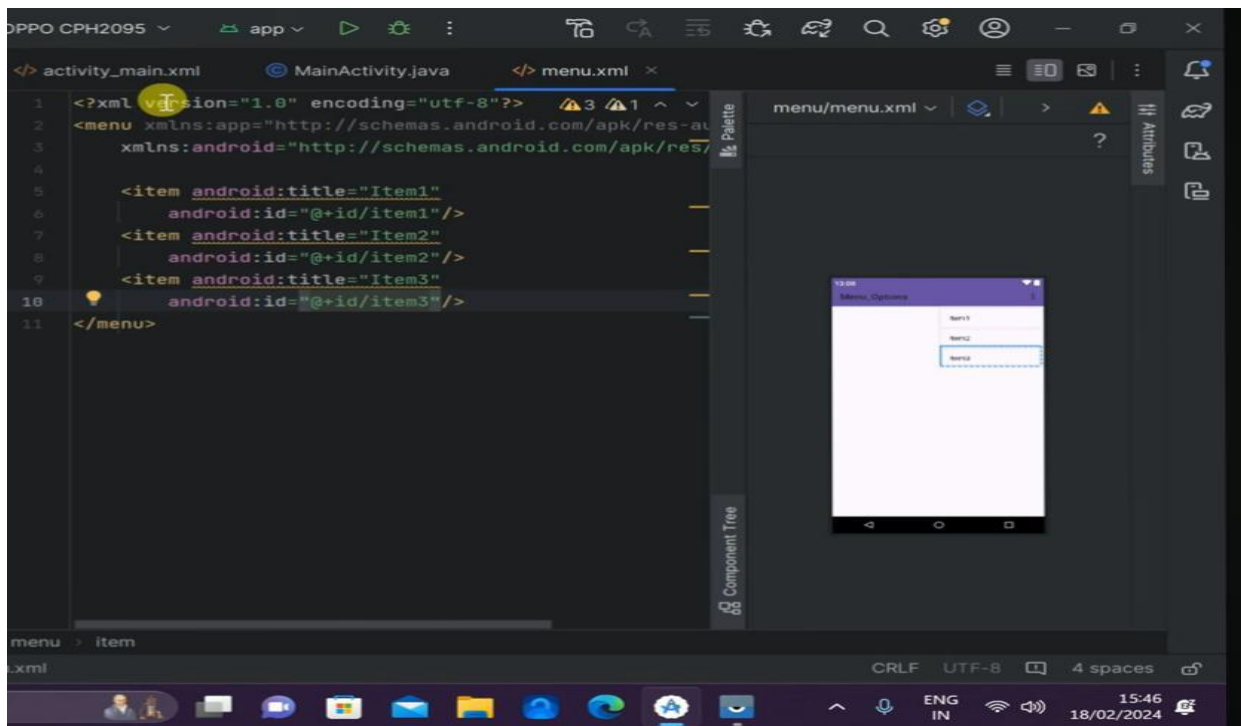


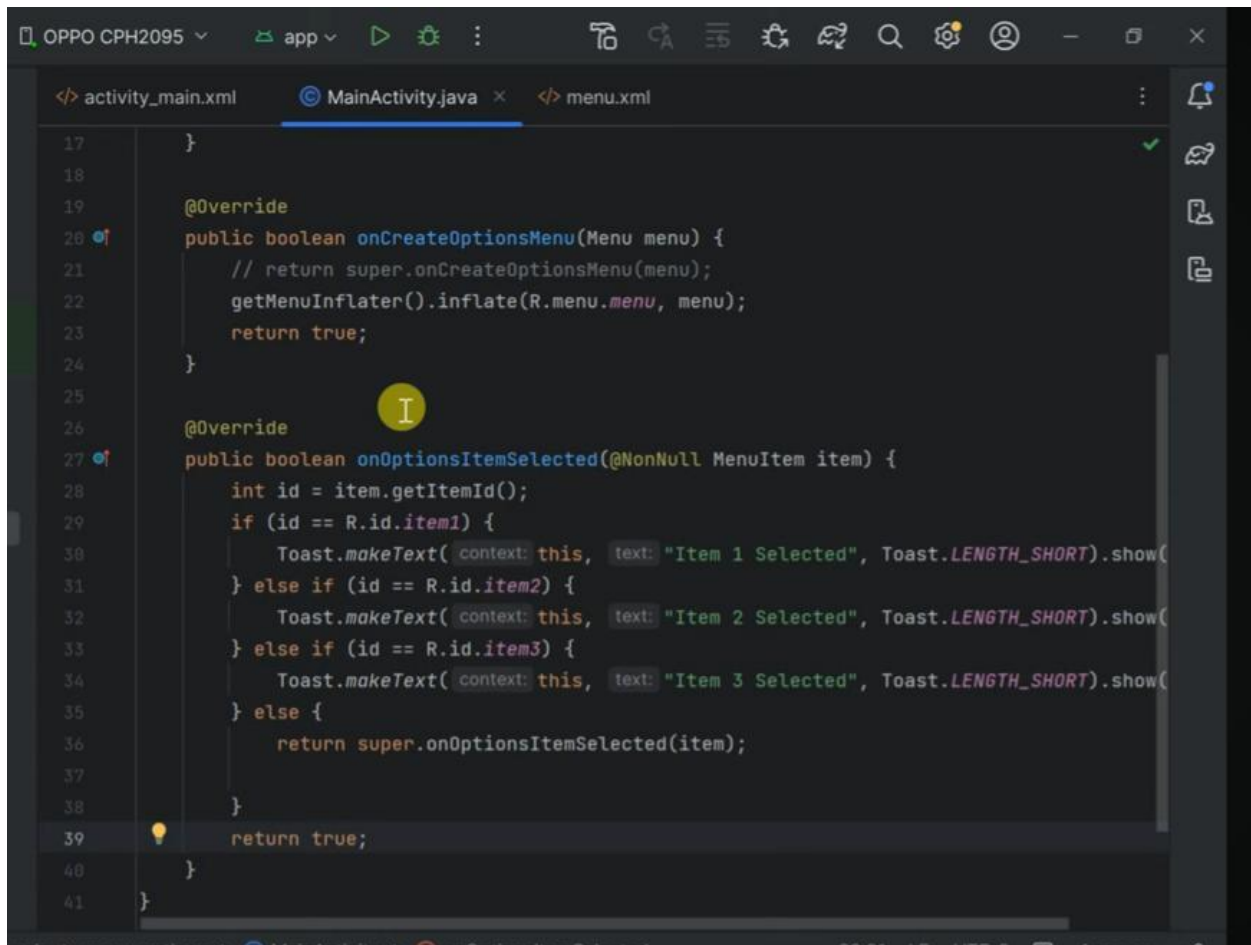




Drag and drop the menu item 3 times on menu.xml

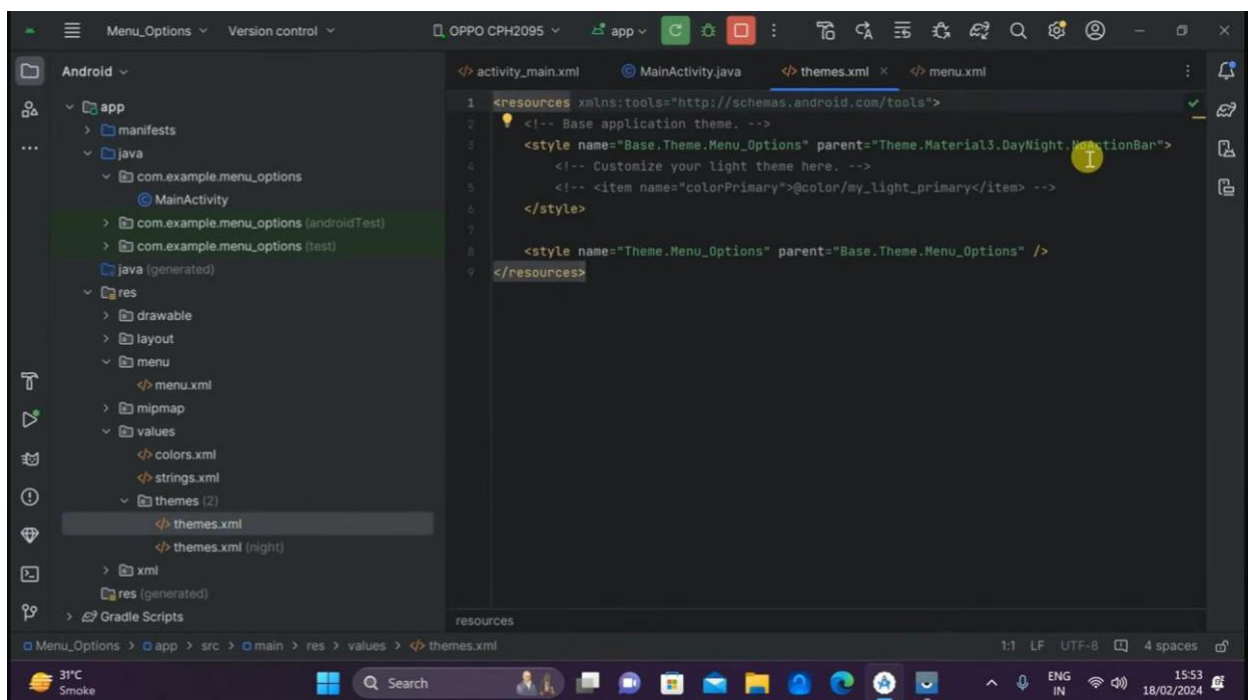






This screenshot shows the MainActivity.java file in an IDE. The code defines two methods: onCreateOptionsMenu and onOptionsItemSelected. The onCreateOptionsMenu method inflates the menu resource. The onOptionsItemSelected method handles item selections, showing toast messages for items 1, 2, and 3, and returning the result of super.onOptionsItemSelected().

```
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, "Item 1 Selected", Toast.LENGTH_SHORT).show();
31         } else if (id == R.id.item2) {
32             Toast.makeText(context, "Item 2 Selected", Toast.LENGTH_SHORT).show();
33         } else if (id == R.id.item3) {
34             Toast.makeText(context, "Item 3 Selected", Toast.LENGTH_SHORT).show();
35         } else {
36             return super.onOptionsItemSelected(item);
37         }
38
39         return true;
40     }
41 }
```



This screenshot shows the Android Studio IDE with the project structure on the left and the themes.xml file open in the editor. The project structure shows the app directory with manifests, java, res, and Gradle Scripts. The res directory contains drawable, layout, menu, mipmap, values, and themes. The themes directory contains themes.xml and themes.xml (night). The themes.xml file defines the Base.Theme.Menu\_Options and Theme.Menu\_Options styles.

```
1 <resources xmlns:tools="http://schemas.android.com/tools">
2     <!-- Base application theme. -->
3     <style name="Base.Theme.Menu_Options" parent="Theme.Material3.DayNight.NoActionBar">
4         <!-- Customize your light theme here. -->
5         <!-- <item name="colorPrimary">@color/my_light_primary</item> -->
6     </style>
7
8     <style name="Theme.Menu_Options" parent="Base.Theme.Menu_Options" />
9 </resources>
```



