

# OPTION MENU

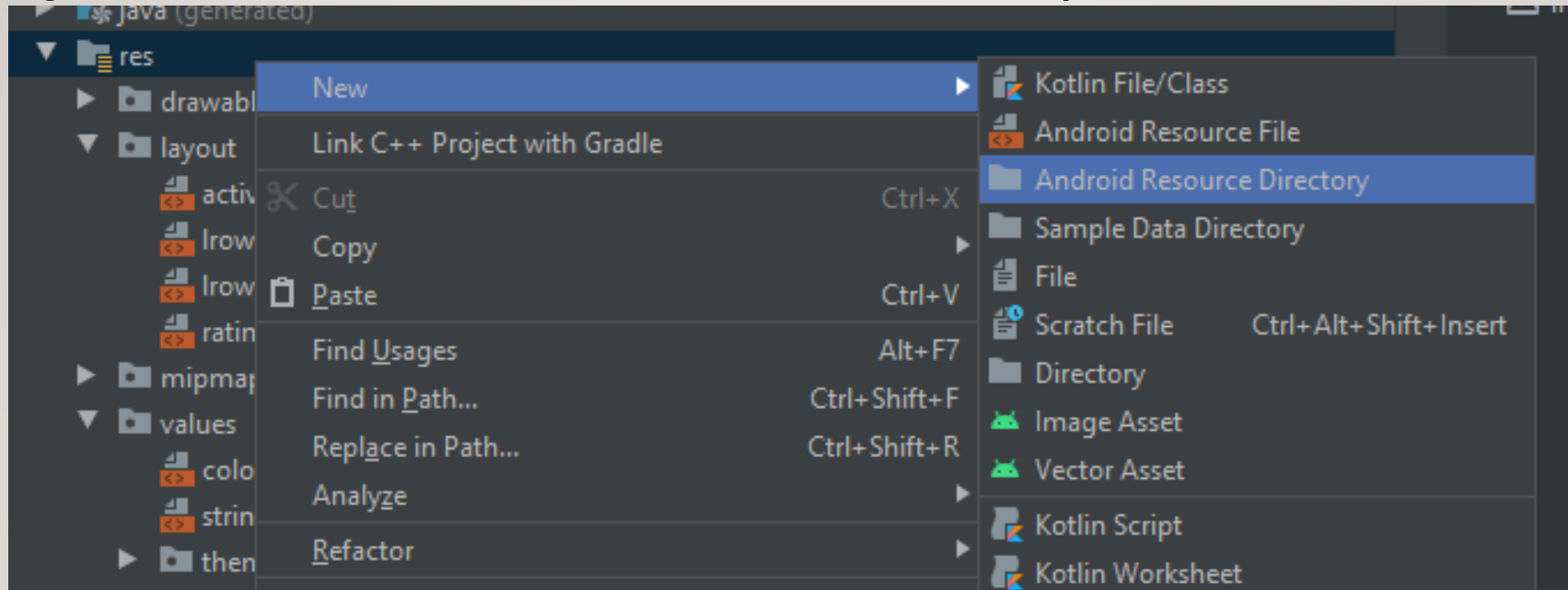
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- Menus are a common user interface component in many types of applications.
  - To provide a familiar and consistent user experience, you should use the Menu APIs to present user actions and other options in your activities.

# CREATE MENU FOLDER

- Right Click on res>new >Android Resource Directory



 New Resource Directory ✕

Directory name:

menu

Resource type:

menu ▾

Source set:

main *src/main/res* ▾

Available qualifiers:

Country Code

Network Code

Locale

Layout Direction

Smallest Screen Width

Screen Width

Screen Height

Size

Ratio

Orientation

UI Mode

Night Mode

Density

>>

<<

Chosen qualifiers:

Nothing to show

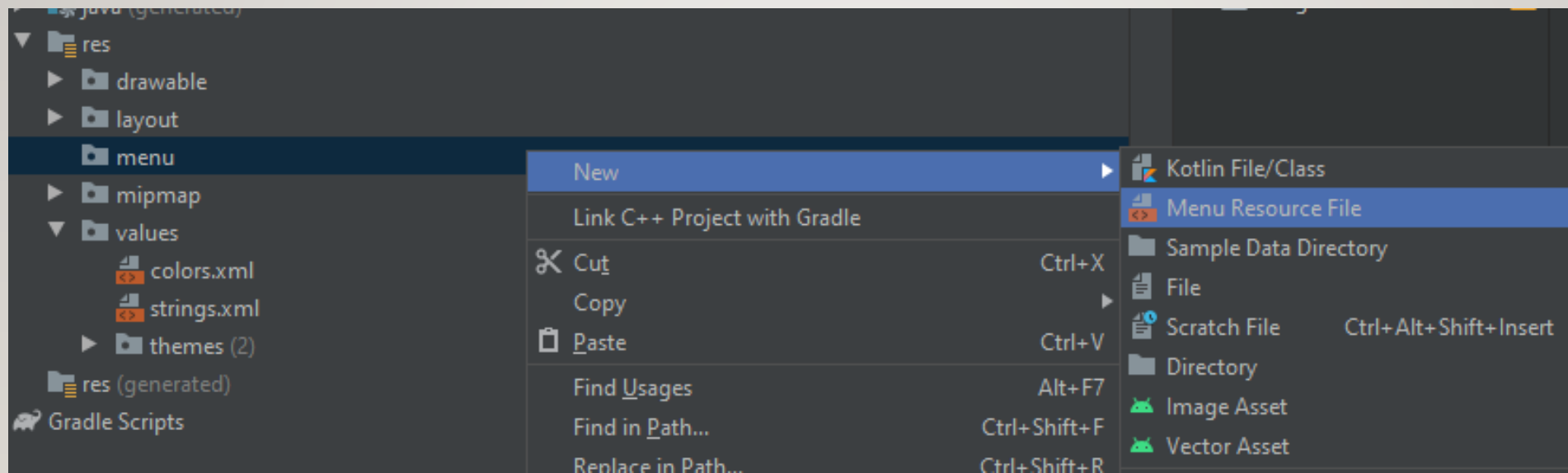
?

OK

Cancel

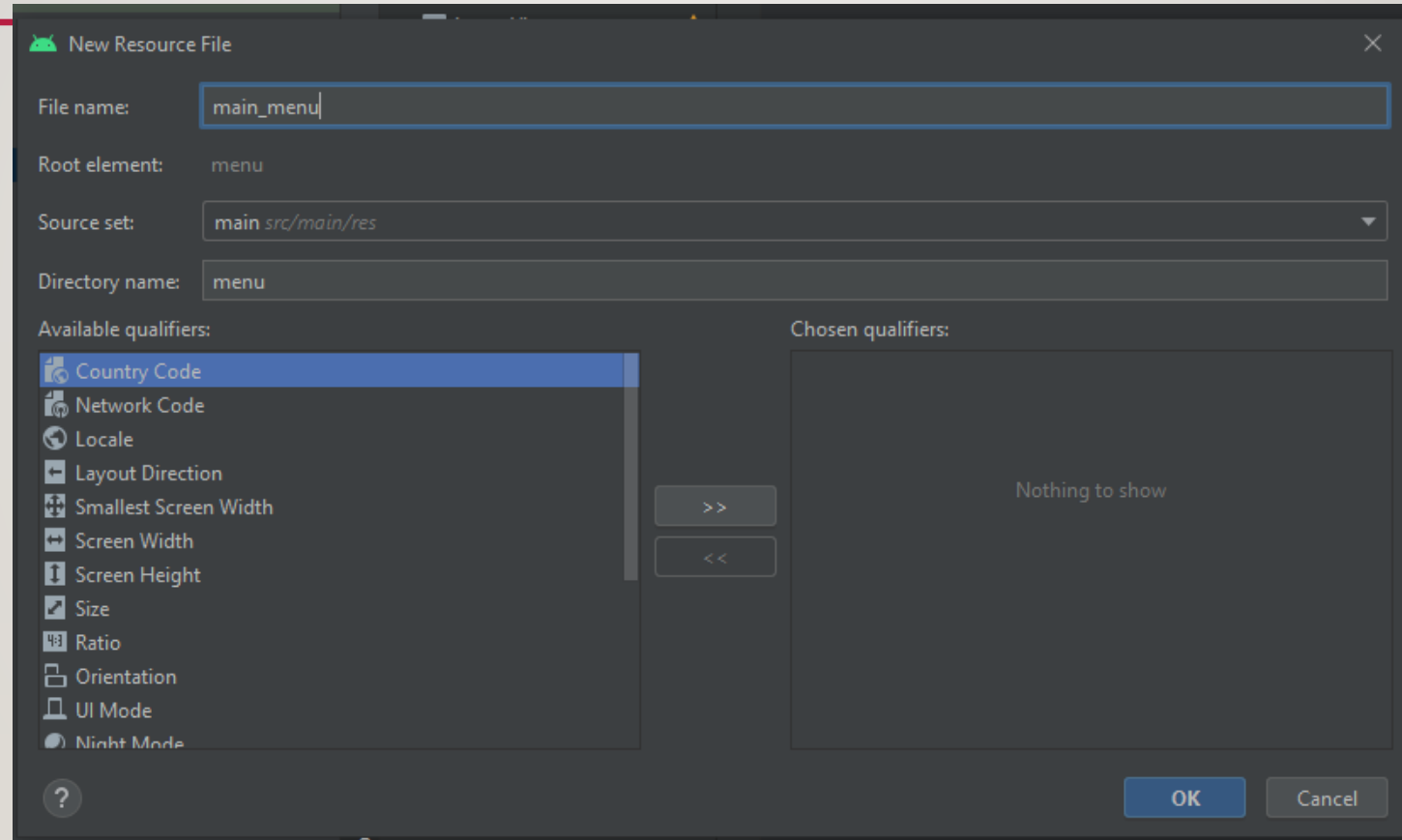
# CREATE MENU XML FILE

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# MENU FILE



# ADD ITEMS/OPTIONS TO THE XML FILE

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```
<?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/item1"
        android:icon="@mipmap/androiod"
        android:title=" item 1"
        app:showAsAction="always"
    />
    <item
        android:id="@+id/item2"
        android:title=" item 2"
        app:showAsAction="ifRoom"
    />
</menu>
```

# MENU ITEM ATTRIBUTES

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- `android:id` → id to reference in code
- `android:title` → the menu title (String literal or String resource id)
- `android:icon` → image to be displayed as the item icon
- `android:onClick` Method name. Must be like  
`public void method(MenuItem menuItem)`
- `android:showAsAction` → Keyword that says how this menu item should appear in the Action Bar



# Override The on Create Options Menu callback Method

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```
@Override
public boolean onCreateOptionsMenu(Menu menu) {

    MenuInflater inflater = getMenuInflater();
    inflater.inflate(R.menu.main_menu, menu);
    return true;
}
```

# handling menu events

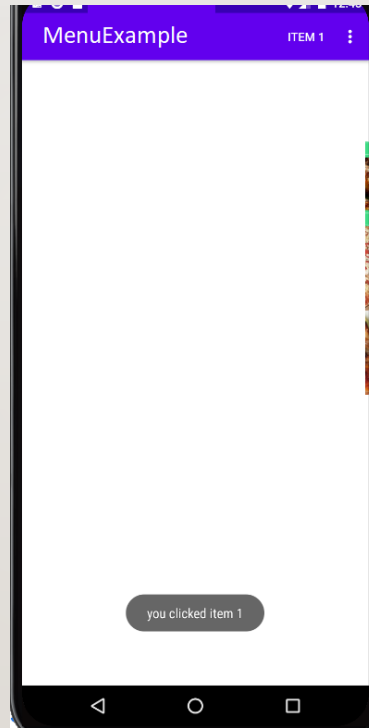
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```
@Override
public boolean onOptionsItemSelected(@NonNull MenuItem item) {
    int id = item.getItemId();
    if(id == R.id.item1){
        Toast.makeText(this, "you clicked item 1", Toast.LENGTH_SHORT).show();
        return true;
    }

    return super.onOptionsItemSelected(item);
}
```

# EXAMPLE

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# REFERENCES

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- <https://developer.android.com/guide/topics/ui/menus>