Lab Program 7

Creating Menu

In your project Go to the app > src > main > res

Right-click on the res folder > New > Android Resource Directory

Now you select the menu option from the values drop-down section. now just hit OK.

Now you can see the menu folder inside the res folder.

Now to create a menu file select the menu folder and right-click on it and select Menu Resource File.

Give a name to your menu file, for instance here we have given the name as my\_menu.

Then hit OK.

And type below code.

**Menu.xml**

<menu xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

tools:context="com.example.myapplication.MainActivity">

<item

android:id="@+id/action\_settings"

android:orderInCategory="100"

android:title="@string/action\_settings"

app:showAsAction="never" />

</menu>

**JAVA Code**

package com.example.myapplication;

import android.os.Bundle;

import com.google.android.material.snackbar.Snackbar;

import androidx.appcompat.app.AppCompatActivity;

import android.view.View;

import androidx.navigation.NavController;

import androidx.navigation.Navigation;

import androidx.navigation.ui.AppBarConfiguration;

import androidx.navigation.ui.NavigationUI;

import com.example.myapplication.databinding.ActivityMainBinding;

import android.view.Menu;

import android.view.MenuItem;

public class MainActivity extends AppCompatActivity {

private AppBarConfiguration appBarConfiguration;

private ActivityMainBinding binding;

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

binding = ActivityMainBinding.inflate(getLayoutInflater());

setContentView(binding.getRoot());

setSupportActionBar(binding.toolbar);

NavController navController = Navigation.findNavController(this, R.id.nav\_host\_fragment\_content\_main);

appBarConfiguration = new AppBarConfiguration.Builder(navController.getGraph()).build();

NavigationUI.setupActionBarWithNavController(this, navController, appBarConfiguration);

binding.fab.setOnClickListener(new View.OnClickListener() {

@Override

public void onClick(View view) {

Snackbar.make(view, "Replace with your own action", Snackbar.LENGTH\_LONG)

.setAnchorView(R.id.fab)

.setAction("Action", null).show();

}

});

}

@Override

public boolean onCreateOptionsMenu(Menu menu) {

// Inflate the menu; this adds items to the action bar if it is present.

getMenuInflater().inflate(R.menu.menu\_main, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action bar item clicks here. The action bar will

// automatically handle clicks on the Home/Up button, so long

// as you specify a parent activity in AndroidManifest.xml.

int id = item.getItemId();

//noinspection SimplifiableIfStatement

if (id == R.id.action\_settings) {

return true;

}

return super.onOptionsItemSelected(item);

}

@Override

public boolean onSupportNavigateUp() {

NavController navController = Navigation.findNavController(this, R.id.nav\_host\_fragment\_content\_main);

return NavigationUI.navigateUp(navController, appBarConfiguration)

|| super.onSupportNavigateUp();

}

}