Spinnerlist:

MainActivity.java

package com.example.spinnerlist;  
  
import android.content.Intent;  
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.spinnerlist.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*)  
 .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;  
 }  
 if(id==R.id.*l1*){  
 Intent I=new Intent(getApplicationContext(),MainActivity2.class);  
 startActivity(I);  
 }  
  
 if(id==R.id.*s1*){  
 Intent I=new Intent(getApplicationContext(),MainActivity3.class);  
 startActivity(I);  
 }  
  
 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();  
 }  
}

activity\_main.xml:

<?xml version="1.0" encoding="utf-8"?>  
<androidx.coordinatorlayout.widget.CoordinatorLayout 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"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity">  
  
 <com.google.android.material.appbar.AppBarLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:theme="@style/Theme.SPINNERLIST.AppBarOverlay">  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/toolbar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:background="?attr/colorPrimary"  
 app:popupTheme="@style/Theme.SPINNERLIST.PopupOverlay" />  
  
 </com.google.android.material.appbar.AppBarLayout>  
  
 <include layout="@layout/content\_main" />  
  
 <com.google.android.material.floatingactionbutton.FloatingActionButton  
 android:id="@+id/fab"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="bottom|end"  
 android:layout\_marginEnd="@dimen/fab\_margin"  
 android:layout\_marginBottom="16dp"  
 app:srcCompat="@android:drawable/ic\_dialog\_email" />  
  
</androidx.coordinatorlayout.widget.CoordinatorLayout>

MainActivity2.java

package com.example.spinnerlist;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.widget.ArrayAdapter;  
import android.widget.ListView;  
  
public class MainActivity2 extends AppCompatActivity {  
 ListView lv;  
  
 String courseList[] = {"C-Programming", "Data Structure", "Database", "Python",  
 "Java", "Operating System", "Compiler Design", "Android Development"};  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main2*);  
 lv=(ListView)findViewById(R.id.*lv*);  
  
 ArrayAdapter<String> arrayAdapter = new ArrayAdapter<String>(this,  
 R.layout.*item\_view*, R.id.*itemTextView*, courseList);  
 lv.setAdapter(arrayAdapter);  
 }  
}

activity\_main2.xml:

<?xml version="1.0" encoding="utf-8"?>  
  
<RelativeLayout 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"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity2">  
  
 <ListView  
 android:id="@+id/lv"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:layout\_editor\_absoluteX="1dp"  
 tools:layout\_editor\_absoluteY="1dp" />  
</RelativeLayout>

MainActivity3.java:

package com.example.spinnerlist;  
  
import androidx.appcompat.app.AppCompatActivity;  
  
import android.os.Bundle;  
import android.view.View;  
import android.widget.AdapterView;  
import android.widget.ArrayAdapter;  
import android.widget.Spinner;  
import android.widget.Toast;  
  
public class MainActivity3 extends AppCompatActivity implements  
  
 AdapterView.OnItemSelectedListener{  
 String[] country = { "India", "USA", "China", "Japan", "Other"};  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main3*);  
  
  
 Spinner spin = (Spinner) findViewById(R.id.*spinner*);  
 spin.setOnItemSelectedListener(this);  
  
 //Creating the ArrayAdapter instance having the country list  
 ArrayAdapter aa = new ArrayAdapter(this,android.R.layout.*simple\_spinner\_item*,country);  
 aa.setDropDownViewResource(android.R.layout.*simple\_spinner\_dropdown\_item*);  
 //Setting the ArrayAdapter data on the Spinner  
 spin.setAdapter(aa);  
  
 }  
 @Override  
 public void onItemSelected(AdapterView<?> arg0, View arg1, int position, long id) {  
 Toast.*makeText*(getApplicationContext(),country[position] , Toast.*LENGTH\_LONG*).show();  
 }  
 @Override  
 public void onNothingSelected(AdapterView<?> arg0) {  
 // *TODO Auto-generated method stub* }  
 }

activity\_main3.xml:

<?xml version="1.0" encoding="utf-8"?>  
<androidx.constraintlayout.widget.ConstraintLayout 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"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 tools:context=".MainActivity3">  
  
 <Spinner  
 android:id="@+id/spinner"  
 android:layout\_width="149dp"  
 android:layout\_height="40dp"  
 android:layout\_marginBottom="8dp"  
 android:layout\_marginEnd="8dp"  
 android:layout\_marginStart="8dp"  
 android:layout\_marginTop="8dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.502"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.498" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Item\_view.xml(res->layout->new->layoutresources):

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:orientation="vertical"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent">  
 <TextView  
 android:id="@+id/itemTextView"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:layout\_gravity="center" />  
  
</LinearLayout>

Output:









