**CODE:**

**MainActivity.java:**

package com.example.myapppopup;

import androidx.appcompat.app.AppCompatActivity;

import androidx.appcompat.widget.PopupMenu;

import androidx.appcompat.widget.Toolbar;

import android.os.Bundle;

import android.view.ContextMenu;

import android.view.Menu;

import android.view.MenuItem;

import android.view.View;

import android.widget.Button;

import android.widget.ListView;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_main);

Button button = findViewById(R.id.button);

ListView listView = findViewById(R.id.list\_view);

String[] data = {"Item 1", "Item 2", "Item 3"};

MyListAdapter adapter = new MyListAdapter(data);

listView.setAdapter(adapter);

Toolbar toolbar = findViewById(R.id.toolbar);

setSupportActionBar(toolbar);

registerForContextMenu(listView);

button.setOnClickListener(v -> {

PopupMenu popupMenu = new PopupMenu(MainActivity.this, v);

popupMenu.inflate(R.menu.popup\_menu);

popupMenu.setOnMenuItemClickListener(item -> {

// Handle action two

if (item.getItemId() == R.id.action\_one) {

// Handle action one

return true;

} else return item.getItemId() == R.id.action\_two;

});

popupMenu.show();

});

}

//options

@Override

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.options\_menu, menu);

return true;

}

@Override

public boolean onOptionsItemSelected(MenuItem item) {

// Handle action two

if (item.getItemId() == R.id.action\_one) {

// Handle action one

return true;

} else return item.getItemId() == R.id.action\_two;

}

//context

@Override

public void onCreateContextMenu(ContextMenu menu, View v, ContextMenu.ContextMenuInfo menuInfo) {

super.onCreateContextMenu(menu, v, menuInfo);

getMenuInflater().inflate(R.menu.context\_menu, menu);

}

@Override

public boolean onContextItemSelected(MenuItem item) {

if (item.getItemId() == R.id.action\_one) {

// Handle action one

return true;

} else if (item.getItemId() == R.id.action\_two) {

// Handle action two

return true;

} else {

return super.onContextItemSelected(item);

}

}

}

**MyListAdapter.java:**

package com.example.myapppopup;

import android.view.View;

import android.view.ViewGroup;

import android.widget.TextView;

import android.widget.BaseAdapter;

public class MyListAdapter extends BaseAdapter {

private String[] mData;

public MyListAdapter(String[] data) {

mData = data;

}

@Override

public int getCount() {

return mData.length;

}

@Override

public Object getItem(int position) {

return mData[position];

}

@Override

public long getItemId(int position) {

return position;

}

@Override

public View getView(int position, View convertView, ViewGroup parent) {

TextView view;

if (convertView == null) {

view = new TextView(parent.getContext());

} else {

view = (TextView) convertView;

}

view.setText(mData[position]);

return view;

}

}

**MainActivity.xml:**

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout 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"

android:orientation="vertical"

tools:context=".MainActivity">

<Button

android:id="@+id/button"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/show\_popup\_menu" />

<ImageButton

android:id="@+id/overflow\_button"

android:layout\_width="77dp"

android:layout\_height="48dp"

android:contentDescription="@string/overflow\_menu\_button\_label"

android:minWidth="48dp"

android:minHeight="48dp"

android:src="@drawable/ic\_overflow" />

<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/ThemeOverlay.AppCompat.Light" />

<ListView

android:id="@+id/list\_view"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent" />

</LinearLayout>

**context\_menu.xml:**

<?xml version="1.0" encoding="utf-8"?>

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

<item

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

android:title="@string/action\_one"/>

<item

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

android:title="@string/action\_two"/>

</menu>

**option\_menu.xml:**

<?xml version="1.0" encoding="utf-8"?>

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

<item

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

android:title="Action One"/>

<item

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

android:title="Action Two"/>

</menu>

**popup\_menu.xml:**

<?xml version="1.0" encoding="utf-8"?>

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

<item

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

android:title="Action One"/>

<item

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

android:title="Action Two"/>

</menu>

**OUTPUT:**



