***samplemenu.xml***

*<?*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:title="item1" />

<item android:id="@id/item2"

android:title="item2"

app:showAsAction="ifRoom"/>

<item android:id="@id/item3"

android:title="item3">

<menu>

<item android:id="@+id/subitem1"

android:title="sub1" />

<item android:id="@+id/subitem2"

android:title="sub2" />

</menu>

</item>

</menu>

*<?*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=".MainActivity">

<TextView

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="Hello World!"

app:layout\_constraintBottom\_toBottomOf="parent"

app:layout\_constraintLeft\_toLeftOf="parent"

app:layout\_constraintRight\_toRightOf="parent"

app:layout\_constraintTop\_toTopOf="parent" />

</androidx.constraintlayout.widget.ConstraintLayout>

Mainactivity1

package com.example.optionsmenu;

import androidx.annotation.NonNull;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;

import android.os.Bundle;

import android.view.Menu;

import android.view.MenuInflater;

import android.view.MenuItem;

import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.*activity\_main*);

}

public boolean onCreateOptionsMenu(Menu menu) {

MenuInflater inflater=getMenuInflater();

inflater.inflate(R.menu.*samplemenu*,menu);

return true;

}

@Override

public boolean onOptionsItemSelected(@NonNull MenuItem item) {

switch(item.getItemId())

{

case R.id.*item1*:

Intent i=new Intent(this,MainActivity2.class);

startActivity(i);

break;

case R.id.*item2*:

Toast.*makeText*(getApplicationContext(),"item2",Toast.*LENGTH\_SHORT*).show();

break;

case R.id.*subitem1*:

Toast.*makeText*(getApplicationContext(),"subitem1",Toast.*LENGTH\_SHORT*).show();

break;

case R.id.*subitem2*:

Toast.*makeText*(getApplicationContext(),"subitem2",Toast.*LENGTH\_SHORT*).show();

break;

}

return true;

}

}



