Activity\_main.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=".MainActivity">  
  
 <TextView  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Context\_Menu!"  
 android:id="@+id/textview"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintVertical\_bias="0.823" />  
  
 <Button  
 android:id="@+id/button"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="468dp"  
 android:text="Click"  
 android:onClick="popup"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.481"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>

Pop\_up\_menu.xml

<?xml version="1.0" encoding="utf-8"?>  
<menu xmlns:android="http://schemas.android.com/apk/res/android">  
 <item  
 android:id="@+id/itemp1"  
 android:title="item1"/>  
 <item  
 android:id="@+id/itemp2"  
 android:title="item2"/>  
</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/itemp1"  
 android:title="item1"/>  
 <item  
 android:id="@+id/itemp2"  
 android:title="item2"/>  
</menu>

Context\_menu.xml

<?xml version="1.0" encoding="utf-8"?>  
<menu xmlns:android="http://schemas.android.com/apk/res/android">  
 <item  
 android:id="@+id/itemc1"  
 android:title="item1"/>  
 <item  
 android:id="@+id/itemc2"  
 android:title="item2"/>  
</menu>

Main\_activity.java

package com.example.prac5;  
  
  
import androidx.annotation.NonNull;  
import androidx.appcompat.app.AppCompatActivity;  
import android.os.Bundle;  
import android.view.ContextMenu;  
import android.view.Menu;  
import android.view.MenuInflater;  
import android.view.MenuItem;  
import android.view.View;  
import android.widget.PopupMenu;  
import android.widget.TextView;  
import android.widget.Toast;  
  
public class MainActivity extends AppCompatActivity {  
  
 @Override  
 protected void onCreate(Bundle savedInstanceState) {  
 super.onCreate(savedInstanceState);  
 setContentView(R.layout.*activity\_main*);  
 TextView textView=findViewById(R.id.*textview*);  
 registerForContextMenu(textView);  
 }  
 //cntextmenu  
 @Override  
 public void onCreateContextMenu(ContextMenu menu, View v, ContextMenu.ContextMenuInfo menuInfo) {  
 MenuInflater menuInflater=getMenuInflater();  
 menuInflater.inflate(R.menu.*context\_menu*,menu);  
 }  
  
 @Override  
 public boolean onContextItemSelected(@NonNull MenuItem item) {  
 int item\_id=item.getItemId();  
  
 if(item\_id==R.id.*itemc1*){  
 Toast.*makeText*(this,"item1 selected",Toast.*LENGTH\_LONG*).show();  
 return true;  
 }  
 else if(item\_id==R.id.*itemc2*){  
 Toast.*makeText*(this,"item2 selected",Toast.*LENGTH\_LONG*).show();  
 return true;  
 }  
 else{  
 return super.onContextItemSelected(item);  
 }  
 }  
 //option menu  
 @Override  
 public boolean onCreateOptionsMenu(Menu menu) {  
 MenuInflater menuInflater=getMenuInflater();  
 menuInflater.inflate(R.menu.*context\_menu*,menu);  
 return true;  
 }  
 @Override  
 public boolean onOptionsItemSelected(@NonNull MenuItem item) {  
 int item\_id=item.getItemId();  
  
 if(item\_id==R.id.*itemp1*){  
 Toast.*makeText*(this,"item1 selected",Toast.*LENGTH\_LONG*).show();  
 return true;  
  
 }  
 else if(item\_id==R.id.*itemp2*){  
 Toast.*makeText*(this,"item2 selected",Toast.*LENGTH\_LONG*).show();  
 return true;  
 }  
 else{  
 return super.onContextItemSelected(item);  
 }  
 }  
  
 public void popup(View view) {  
 PopupMenu popupMenu=new PopupMenu(MainActivity.this,view);  
 popupMenu.inflate(R.menu.*pop\_up\_menu*);  
 popupMenu.show();  
  
 popupMenu.setOnMenuItemClickListener(new PopupMenu.OnMenuItemClickListener() {  
 @Override  
 public boolean onMenuItemClick(MenuItem item) {  
 return false;  
 }  
 });  
 }  
}