

Android Context Menu Example

Android context menu appears when user press long click on the element. It is also known as floating menu.

It doesn't support item shortcuts and icons.

Android Context Menu Example

Let's see the simple example of context menu in android.

activity_main.xml

Drag one listview from the pallette, now the xml file will look like this:

File: activity_main.xml

```
<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:paddingBottom="@dimen/activity_vertical_margin"
    android:paddingLeft="@dimen/activity_horizontal_margin"
    android:paddingRight="@dimen/activity_horizontal_margin"
    android:paddingTop="@dimen/activity_vertical_margin"
    tools:context=".MainActivity" >

    <ListView
        android:id="@+id/listView1"
        android:layout_width="match_parent"
```

```
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_marginLeft="66dp"
        android:layout_marginTop="53dp" >
```

```
</ListView>
```

```
</RelativeLayout>
```

Activity class

Let's write the code to display the context menu on press of the listview.

File: MainActivity.java

```
package com.javatpoint.contextmenu;
import android.os.Bundle;
import android.app.Activity;
import android.view.ContextMenu;
import android.view.ContextMenu.ContextMenuInfo;
import android.view.Menu;
import android.view.MenuItem;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.ListView;
import android.widget.Toast;
public class MainActivity extends Activity {
```

```
ListView listView1;

String contacts[]={ "Ajay", "Sachin", "Sumit", "Tarun", "Yogesh"};

@Override

protected void onCreate(Bundle savedInstanceState) {

    super.onCreate(savedInstanceState);

    setContentView(R.layout.activity_main);

    listView1=(ListView)findViewById(R.id.listView1);

    ArrayAdapter<String> adapter=new ArrayAdapter<String>
(this,android.R.layout.simple_list_item_1,contacts);

    listView1.setAdapter(adapter);

    // Register the ListView for Context menu

    registerForContextMenu(listView1);

}

@Override

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

    super.onCreateContextMenu(menu, v, menuInfo);

    menu.setHeaderTitle("Select The Action");

    menu.add(0, v.getId(), 0, "Call");//groupId, itemId, order, title

    menu.add(0, v.getId(), 0, "SMS");

}

@Override

public boolean onContextItemSelected(MenuItem item){

    if(item.getTitle()=="Call"){

        Toast.makeText(getApplicationContext(),"calling code",Toast.LENGTH_LONG).show();

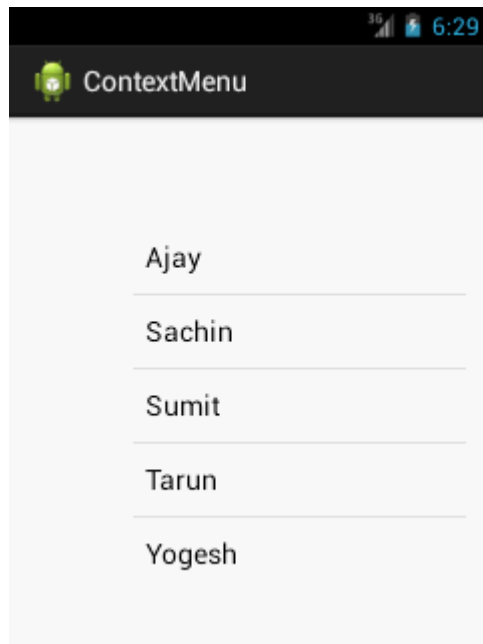
    }

    else if(item.getTitle()=="SMS"){
```

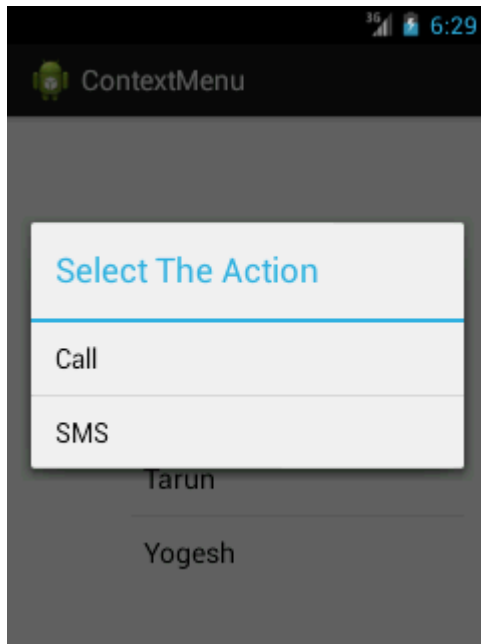
```
        Toast.makeText(getApplicationContext(),"sending sms code",Toast.LENGTH_LONG).show();  
    }else{  
        return false;  
    }  
    return true;  
}  
}
```

download this android example

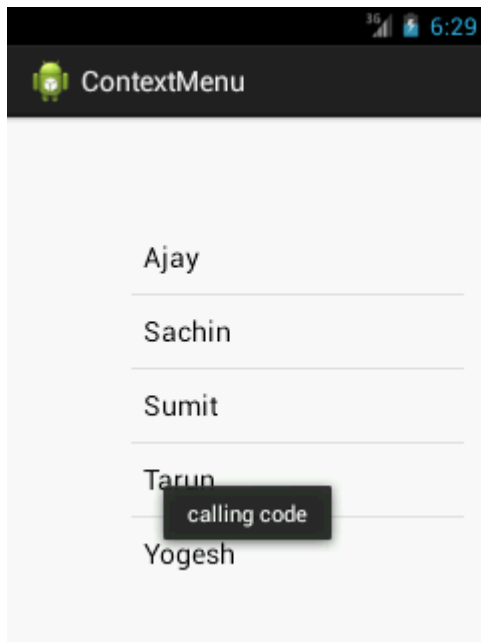
Output:



Output after long press on the listview.



Output after clicking on the context menu.



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