

```
1: package com.delta.listviews;
2:
3: import android.app.Activity;
4: import android.app.ActionBar;
5: import android.app.Fragment;
6: import android.os.Bundle;
7: import android.util.Log;
8: import android.view.LayoutInflater;
9: import android.view.Menu;
10: import android.view.MenuItem;
11: import android.view.View;
12: import android.view.ViewGroup;
13: import android.os.Build;
14: import android.widget.AdapterView;
15: import android.widget.ArrayAdapter;
16: import android.widget.ListView;
17:
18: public class ListViewActivity extends Activity {
19:     //initial data
20:     Place[] myPlacesArray = new Place[]{
21:         new Place("Art House", 78701, "art", "This place is tasteful"),
22:         new Place("Bike Shop", 78702, "bike", "Cool bikes"),
23:         new Place("Camera Fix", 78702, "polaroids", "These guys always rip me off"),
24:         new Place("YETspace", 78702, "radio", "I LOVE this place"),
25:         new Place("Secret Space Pad", 94103, "rocket", "Not very secret, are they?"),
26:         new Place("Taylor's Tailor", 60610, "scissors", "Looking good.."),
27:         new Place("Boathouse", 78701, "shipwheel", "That place is full of pirates!"),
28:         new Place("Not Apple Store", 78702, "tablet", "Android rules!"),
29:         new Place("Tool Battleground", 78702, "tools", "That place is dangerous"),
30:         new Place("Travelpediocity", 78702, "travelerbag", "This is where i booked my summer trip"),
31:         new Place("UFO Pick-a-part", 90210, "ufo", "Out of this world stuff here."),
32:         new Place("Spawrk's House", 99999, "volume", "The music is always so good"),
33:     };
34:
35:     String[] myStringArray = new String[]{
36:         "Art House",
37:         "Bike Shop",
38:         "Camera Fix",
39:         "YETspace",
40:         "Secret Space Pad",
41:         "Taylor's Tailor",
42:         "Boathouse",
43:         "Not Apple Store",
44:         "Tool Battleground",
45:         "Travelpediocity",
46:         "UFO Pick-a-part",
47:         "Spawrk's House",
48:     };
```

```
49:
50:     private ListView mListView;
51:     private ArrayAdapter mArrayAdapter;
52:
53:     @Override
54:     protected void onCreate(Bundle savedInstanceState) {
55:         super.onCreate(savedInstanceState);
56:         setContentView(R.layout.activity_list_view);
57:
58:         mListView = (ListView) findViewById(R.id.myListView);
59:
60:         mArrayAdapter = new ArrayAdapter(this, android.R.layout.simple_list_item_1, myStringArray);
61:
62:         if(mListView != null){
63:             mListView.setAdapter(mArrayAdapter);
64:         }
65:
66:         mListView.setOnItemClickListener(new AdapterView.OnItemClickListener() {
67:             @Override
68:             public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {
69:                 Log.v("PLACE", myStringArray[i]);
70:             }
71:         });
72:
73:     }
74:
75:     @Override
76:     public boolean onCreateOptionsMenu(Menu menu) {
77:
78:         // Inflate the menu; this adds items to the action bar if it is present.
79:         getMenuInflater().inflate(R.menu.list_view, menu);
80:         return true;
81:     }
82:
83:     @Override
84:     public boolean onOptionsItemSelected(MenuItem item) {
85:         // Handle action bar item clicks here. The action bar will
86:         // automatically handle clicks on the Home/Up button, so long
87:         // as you specify a parent activity in AndroidManifest.xml.
88:         int id = item.getItemId();
89:         if (id == R.id.action_settings) {
90:             return true;
91:         }
92:         return super.onOptionsItemSelected(item);
93:     }
94:
95:
96: }
```

```
1: package com.delta.listviews;
2:
3: /**
4:  * Created by spawrks on 2/13/14.
5:  */
6: public class Place {
7:
8:     public String mNameOfPlace;
9:     public int mZipCode;
10:    public String mNameOfImage;
11:    public String mPopup;
12:
13:    public Place (String startNameOfPlace, int startZipCode,String startNameOfImage, String startPopup ){
14:
15:        this.mNameOfPlace = startNameOfPlace;
16:        this.mZipCode = startZipCode;
17:        this.mNameOfImage = startNameOfImage;
18:        this.mPopup = startPopup;
19:
20:    }
21:
22: }
```

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