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| MainActivity.java |
| package com.androidhive.androidlistviewwithsearch;    import java.util.ArrayList;  import java.util.HashMap;    import android.app.Activity;  import android.os.Bundle;  import android.text.Editable;  import android.text.TextWatcher;  import android.widget.ArrayAdapter;  import android.widget.EditText;  import android.widget.ListView;    public class MainActivity extends Activity {        // List view      private ListView lv;        // Listview Adapter      ArrayAdapter<String> adapter;        // Search EditText      EditText inputSearch;          // ArrayList for Listview      ArrayList<HashMap<String, String>> productList;        @Override      public void onCreate(Bundle savedInstanceState) {          super.onCreate(savedInstanceState);          setContentView(R.layout.activity\_main);            // Listview Data          String products[] = {"Dell Inspiron", "HTC One X", "HTC Wildfire S", "HTC Sense", "HTC Sensation XE",                                  "iPhone 4S", "Samsung Galaxy Note 800",                                  "Samsung Galaxy S3", "MacBook Air", "Mac Mini", "MacBook Pro"};            lv = (ListView) findViewById(R.id.list\_view);          inputSearch = (EditText) findViewById(R.id.inputSearch);            // Adding items to listview          adapter = new ArrayAdapter<String>(this, R.layout.list\_item, R.id.product\_name, products);          lv.setAdapter(adapter);            /\*\*           \* Enabling Search Filter           \* \*/          inputSearch.addTextChangedListener(new TextWatcher() {                @Override              public void onTextChanged(CharSequence cs, int arg1, int arg2, int arg3) {                  // When user changed the Text                  MainActivity.this.adapter.getFilter().filter(cs);              }                @Override              public void beforeTextChanged(CharSequence arg0, int arg1, int arg2,                      int arg3) {                  // TODO Auto-generated method stub                }                @Override              public void afterTextChanged(Editable arg0) {                  // TODO Auto-generated method stub              }          });      }  } |

import java.util.ArrayList;

import java.util.Locale;

import android.os.Bundle;

import android.app.Activity;

import android.text.Editable;

import android.text.TextWatcher;

import android.view.Menu;

import android.widget.EditText;

import android.widget.ListView;

public class MainActivity extends Activity {

// Declare Variables

ListView list;

ListViewAdapter adapter;

EditText editsearch;

String[] rank;

String[] country;

String[] population;

ArrayList<WorldPopulation> arraylist = new ArrayList<WorldPopulation>();

@Override

public void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.listview\_main);

// Generate sample data

rank = new String[] { "1", "2", "3", "4", "5", "6", "7", "8", "9", "10" };

country = new String[] { "China", "India", "United States",

"Indonesia", "Brazil", "Pakistan", "Nigeria", "Bangladesh",

"Russia", "Japan" };

population = new String[] { "1,354,040,000", "1,210,193,422",

"315,761,000", "237,641,326", "193,946,886", "182,912,000",

"170,901,000", "152,518,015", "143,369,806", "127,360,000" };

// Locate the ListView in listview\_main.xml

list = (ListView) findViewById(R.id.listview);

for (int i = 0; i < rank.length; i++)

{

WorldPopulation wp = new WorldPopulation(rank[i], country[i],

population[i]);

// Binds all strings into an array

arraylist.add(wp);

}

// Pass results to ListViewAdapter Class

adapter = new ListViewAdapter(this, arraylist);

// Binds the Adapter to the ListView

list.setAdapter(adapter);

// Locate the EditText in listview\_main.xml

editsearch = (EditText) findViewById(R.id.search);

// Capture Text in EditText

editsearch.addTextChangedListener(new TextWatcher() {

@Override

public void afterTextChanged(Editable arg0) {

// TODO Auto-generated method stub

String text = editsearch.getText().toString().toLowerCase(Locale.getDefault());

adapter.filter(text);

}

@Override

public void beforeTextChanged(CharSequence arg0, int arg1,

int arg2, int arg3) {

// TODO Auto-generated method stub

}

@Override

public void onTextChanged(CharSequence arg0, int arg1, int arg2,

int arg3) {

// TODO Auto-generated method stub

}

});

}

// Not using options menu in this tutorial

@Override

public boolean onCreateOptionsMenu(Menu menu) {

getMenuInflater().inflate(R.menu.activity\_main, menu);

return true;

}

}