**package** com.inducesmile.androidsearchview;

**import** android.os.Bundle;

**import** android.support.v7.app.AppCompatActivity;

**import** android.support.v7.widget.SearchView;

**import** android.view.View;

**import** android.widget.AdapterView;

**import** android.widget.ListView;

**import** com.inducesmile.androidsearchview.database.DbBackend;

**import** com.inducesmile.androidsearchview.database.ItemObject;

**import** java.util.List;

**public class** MainActivity **extends** AppCompatActivity {

SearchView **searchView**;

**private** ListView **listView**;

**private** DbBackend **databaseObject**;

@Override

**protected void** onCreate(Bundle savedInstanceState) {

**super**.onCreate(savedInstanceState);

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

**searchView** = (SearchView) findViewById(R.id.***searchView***);

**searchView**.setQueryHint(**"Enter search"**);

**databaseObject** = **new** DbBackend(MainActivity.**this**);

**listView** = (ListView)findViewById(R.id.***listView***);

**searchView**.setOnQueryTextListener(**new** SearchView.OnQueryTextListener() {

@Override

**public boolean** onQueryTextSubmit(String query) {

List<ItemObject> dictionaryObject = **databaseObject**.searchDictionaryWords(query);

SearchAdapter mSearchAdapter = **new** SearchAdapter(MainActivity.**this**, dictionaryObject);

**listView**.setAdapter(mSearchAdapter);

**listView**.setOnItemClickListener(**new** AdapterView.OnItemClickListener() {

@Override

**public void** onItemClick(AdapterView<?> parent, View view, **int** position, **long** id) {

}

});

**return true**;

}

@Override

**public boolean** onQueryTextChange(String newText) {

**return false**;

}

});

}

}