

Tut_02_List.java

```

import SoaG.*;
import SoaG.AdabasEmployeesMiniServiceStub.*;

/*
 * The SOA Gateway LIST method will return all data matching the
 * criteria at once, no matter how large the result set is.
 *
 * So if you need (or want) to retrieve the result set in "chunks"
 * of records, or your request requires complex search syntax,
 * use the SELECT method.
 *
 * Tut_03c_SelectConversational.java provides an example for this.
 */

public class Tut_02_List {

    public static void main(String[] args) {

        try {
            AdabasEmployeesMiniServiceStub stub = new AdabasEmployeesMiniServiceStub();

            AdabasEmployeeKeyType keys = new AdabasEmployeeKeyType();
            keys.setPersonnel_id("50005*");

            AdabasEmployeeListElement listKey = new AdabasEmployeeListElement();
            listKey.setAdabasEmployeeListElement(keys);

            AdabasEmployeesMiniElement result = null;

            result = stub.list(listKey, null, null);

            AdabasEmployeesMiniElementType root = result.getAdabasEmployeesMiniElement();
            AdabasEmployeesMiniType group = root.getAdabasEmployeesMini();
            AdabasEmployeeType elements[] = group.getAdabasEmployee();

            System.out.println("Number of record read: " + elements.length);

            for (int i = 0; i < elements.length; i++) {
                AdabasEmployeeType r = elements[i];
                System.out.println("Record [" + i + "]"
                    + "Personnel Id=" + r.getPersonnel_id() + ", "
                    + "Name=" + r.getName() + ", "
                    + "First Name=" + r.getFirst_name() + ", "
                    + "City=" + r.getCity());
            }

        } catch (Exception ex) {
            ex.printStackTrace();
        }
    }
}

```