ДЗ

1) Просмотреть основные моменты работы с reflection и dynamic proxy: <http://tutorials.jenkov.com/java-reflection/index.html>

<http://restless-man.livejournal.com/24320.html>

2)  Реализовать следующий класс по документации

public class BeanUtils {

    /\*\*

     \* Scans object "from" for all getters. If object "to"

     \* contains correspondent setter, it will invoke it

     \* to set property value for "to" which equals to the property

     \* of "from".

     \* <p/>

     \* The type in setter should be compatible to the value returned

     \* by getter (if not, no invocation performed).

     \* Compatible means that parameter type in setter should

     \* be the same or be superclass of the return type of the getter.

     \* <p/>

     \* The method takes care only about public methods.

     \*

     \* @param to   Object which properties will be set.

     \* @param from Object which properties will be used to get values.

     \*/

    public static void assign(Object to, Object from) {... }

}