

Code Refactoring - 2

July 4, 2020

1 Coding re-arrangement

To do this exercise you will have to load the file `refactoring.tgz` on the web site. This is one of the main example of the book : *Refactoring , de Martin Fowler et al., Addison-Wesley, 1999.*

Apply modifications to program to take into account the criticisms that you did in the previous exercise. You have to respect the following order for this modifications.

- Coding convention
- suppression of ambiguity
- labelling
- functional code splitting
- roles re-affectation.

2 Html format adding

We now want to add the capacity to obtain a statement report in Html format.

- Propose a solution as fast you can but able to process.
- Make criticisms about this solution
- Implement a non-regression test for you solution.
- Modify your solution in order to take into account your criticisms.

3 Parameterize the algorithm to compute the price

We would like to be able to change easily the way to compute the movies prices and how to deliver loyalty points. Insert these new possibilities to the application

Help yourselves : run the non-regression test after each modification