**REFACTORING**

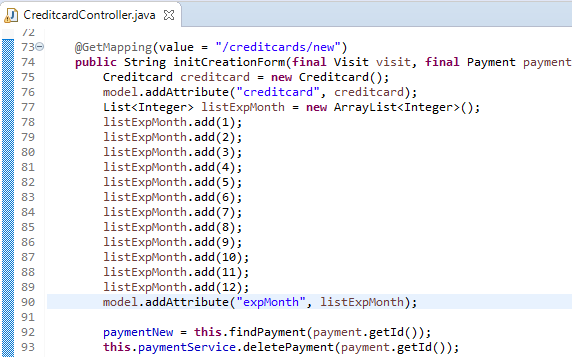
**REFACTORING 1**

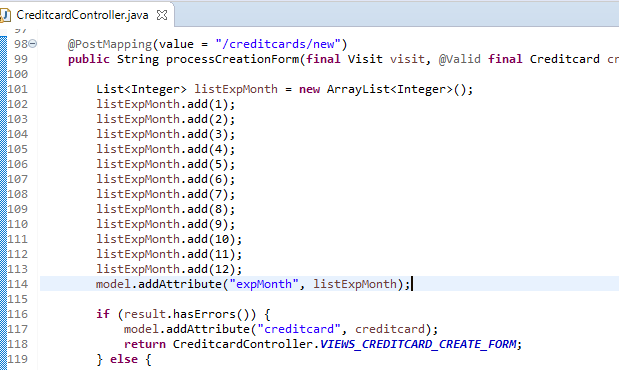
Problem:

Looking for code smells, I have found a problema with Composition Methods, specifically Extractin Method.

It was detected in the CreditcardController.java class and the error consists of duplicate code in differents methods.

We can see how the same duplicate code snippet appears in both the get and post request functions, wich want to perform the same functionality: create a list of number equivalent to months to be used as a dropdown.



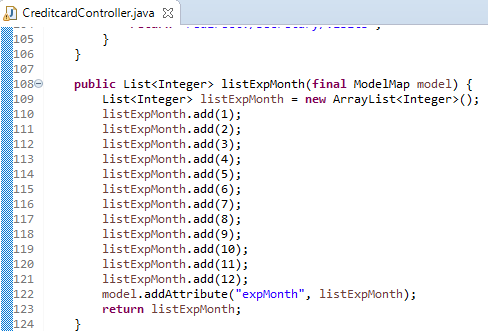


Solution:

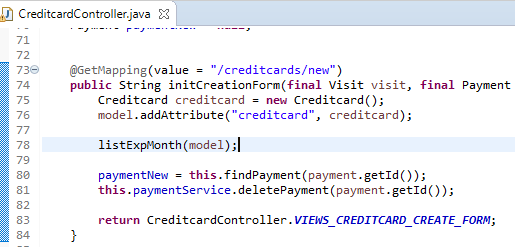
The solution has been to create a public method that collects the duplicate code. Then this method will be called in the corresponding place of the get and post method.

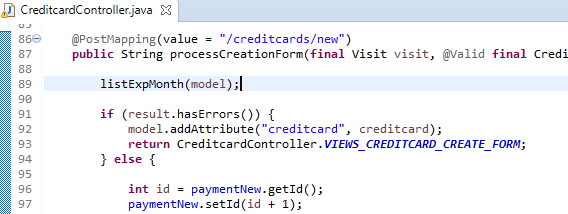
This reduces the percentage of duplicate code that exists in our application.

The new public method:



Calls to that method:





**REFACTORING 2**

Problem:

Aa

Solution:

aa

**REFACTORING 3**

Problem:

Aa

Solution:

aa