Hello and welcome back, fellas!

This week, it was all about learning how to properly refactor existing code. Therefor, we worked through chapter one of Martin Fowler's book "Refactoring: Improving the Design of Existing Code". In this chapter, he starts with some example code and explains the first steps he takes when refactoring code. We started with the same code and followed along his steps, with the difference that we have more tools on hand than he had back in 1999 when he wrote the book. After every major refactoring step, we committed our changes so you can easily follow along. If you're interested in our solutions, you can find them here:

Georg: https://github.com/Rebooooooorn/SE-refactoring

Henning: https://github.com/henningxtro/DHBW_SE_Refactoring

Patrick: https://github.com/Mueller-Patrick/DHBW-SWE-Refactoring

During these (fairly not too complicated) refactoring steps, we found that the favorite refactoring features of our IDE, IntelliJ IDEA, were the abilities to extract code into an own method and to move an existing method over to another class. As IntelliJ handled most of the required steps like adding required method parameters almost perfectly by itself, it really made the job almost too easy for us.

As always, we hope you enjoyed reading our perspective of this weeks tasks and are looking forward to seeing you next week!