

Memo for Homework 2

The most difficult part was setting up the environment and creating the unit testing. I had to do research in order to start creating the unit testing. After the 5th time and two hours later, I found out how to do that. Next, was setting up the environment, I didn't have Parallels installed on my computer, instead I had VMWare and Virtual Box. Before I have worked on Linux with them so I figured out that I can use them. On both VM by Linux was older so I had to reinstall and run it again. I ran into a ton of issues so at the end I gave up and I installed Parallels. After I installed Parallels it took me 30 min to set up the Linux Environment. After that it took me like an hour to install Gradle and eclipse, since my VM was very slow. 5 hours later I had my Linux installed. Next, I had to figure out how to run the Test Report. Again, I had some issues since my project files were on my own computer and I had to send them to my VM. After I was done with creating the Test Reports, I had to send them back to my computer since there I had everything else already done. This took me another 30-40 min since Google didn't let me send the files because of a virus protection. Somehow, I managed to download them. Writing the documentation took me around 2-3 hours since there were a lot of small details that I had to be aware of taking into consideration.

The problems in the homework were not hard. I finished the homework for around 2-3 hours, while the whole installation and documentation took me like two days. I had all these problems for my first assignment too. The hard part was the environment installation.

As feedback, I would say that the whole installation process would have been times easier if we had a tutorial during the classes earlier in the semester, when we didn't have them assigned, so we can be ready to work on an already set up machines.

The coding problems in this assignment were very interesting and I enjoyed coding them. I also learnt new things when researching about question 3.

My homework assignment is complete. I have worked and submitted every problem. I did the more of my best (the best of the best).

- Lines of code – on both problems 4 and 5 I have two classes, where each class took around 10 to 20 lines of code. No comments, or white lines included.
- Lines of code in unit tests – again on both problems less than 10 lines. Not including white lines and comments.
- I have cleared my code.
- Unit test coverage for example 5 – 41% (I don't know why, everything seems to run smoothly, unit test is passed)
- Unit test coverage for example 4 – 100%
- No cyclomatic complexity in my code.