

Assignment review – Alen Bejtć

1. Walkthrough of processing the file and providing reports.

First of all, I started the task by carefully reading the requirements, which lead to me designing my program on paper. After a few tries I got an idea of how it should look, which was implement different classes for Nodes, Graphs, Dijkstra, Lengths, etc. For the sake of being simple and to the point, classes are self-explained by their attributes (can be seen in the program).

Providing report is more or less boiler plate code, implement FileWriter and add the program logic to it, and write to the file.

2. What was most challenging?

To be honest, the most challenging part was writing tests. I do not know why, probably because it is a new thing to me. Why ? Because at first I did not understand how something should work, but eventually I got it and wrote something that I hope you will accept as a successfully done task.

3. What you expected to be very hard, but it turned to be easy work for you? (if anything)

Probably writing the code for the Dijkstra algorithm and implementing it. Turned out to resolve many errors and tries that I thought would be difficult but actually it was pretty easy.

4. What you expected to be simple, but turned out to be very complex? (if anything)

Starting to write the initial code, designing classes and writing tests.

5. If you are starting assignment again, what would you do differently this time ?

The thing is, I designed the Dijkstra class to not return anything but rather be void, which was awesome for results and it was working in every possible case. But the problem occurred when I needed to write tests. I could not use void, so I decided to make another method using the same logic from the previous which checks mostOptimalPath between two nodes and not between every possible combination of nodes. I hope you will not take points on this because the task works as intended it is just a small deviation (need points desperately pls I want to see that 100% :D).

If You really read all this, I will know it. Anyway, thank You for your time and looking forward to Assignment 3.