**Vrije Universiteit Amsterdam**

**Computational Thinking**

**Project Assignment: *<I Trade>***

**Group number: <group number>**

**Members with student numbers:**

*<Mykhailo Varha> <lgm 557>*

***Date: <last edit date comes here>***

**General instructions:**

Fill in the template where text between <> indicates it. Follow the instructions given to you in the project description. Rename this file to CT\_REPORT\_*GROUPNUMBER* and submit it as a pdf.

**Context Task**

<Here you can elaborate on your opinion on the broader impact of algorithms similar to the one you designed in this project. Follow the instructions provided to you in the project description. Aim for at least 200-300 words.>

**Design process**

<Here you can elaborate on the process of designing your algorithm. Describe important choices you needed to make and reflect on the dilemmas and difficulties you encountered along the way as well as on the work division within your group. Follow the instructions in the project description.>

**Flowchart**

<Include your flowchart here. Make sure that the image fits inside the margins of a page but is large enough to be readable. You are allowed to split your flowchart into several subcharts (e.g., for different sub-processes), but in this case make sure that you have made it absolutely clear where these charts link into each other.>

**Pseudocode**

<Include your pseudocode here.>

**Python code**

<Include your Python code here. In your submission, do not forget to include your Python code as a .py file as well.>

**Checklist for submission:**

* Your project report as a pdf.
* Your Python code as a .py file.
* Optional: any additional files (such as .csv files) you might have created which are required for your program to run.
* Each of the above included in a .zip file with the name CT\_PROJECT\_*GROUPNUMBER*.zip