

LABORATION 1

Group 3

Instructions: Solve the problem described below. Together with the .py file, the group should write a document explaining the solution and any assumptions made.

Report deadline: 2022-12-08

Submit the report as a pdf document by email to pablo.picazo_sanchez@hh.se.

Individual assesment: 2022-12-09

We will make short individual interviews where we will ask students to argue about the solved problems and modify small parts of them. Also, problems and questions related to the lab problem can be given.

Problem

1. Write a program which, given a number $n = 1, 2, 3, \dots, 10$, creates a file named `table_n.txt` with the multiplication table of n .
2. Write a program which, given a number $n = 1, 2, 3, \dots, 10$, reads the file `table_n.txt` and prints the numbers.
3. Write a program which, given two numbers $m = 1, 2, 3, \dots, 10$ and $n = 1, 2, 3, \dots, 10$, reads the files `table_m.txt` and `table_n.txt` and prints all quotients x/y with 2 decimals of accuracy where x are the numbers of `table_m.txt` and y are the numbers from `table_m.txt`.