

LABORATION 2

Group 5

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: 2022-12-15

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

Individual assesment: 2022-12-16

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 Write a program which reads a text `text.txt` and for each word which consists of at least 4 lettres keeps the first and the last lettre of the word and scrambles the inner lettres. For instance the words

- `car` should remain `car` since it does not consist of at least 4 lettres
- `bike` could remain `bike` but equally like be changed to `bkie`
- `bicycle` could be changed to `bylccie`, or `bclyice`, or `bilcyce`, or ...

All words consisting of at most 3 lettres, word spaces, punctuation marks should be left unchanged. Then the changed text should be written to the file `changed.txt`.