**RYHMATÖÖ IAX0584.**

Names:

Group size min2 max4 members (one member can be AI). This group work must be performed with dynamic memory allocation using different models, at least 3 different ones (stack, list, tree..).

2 files will be created as a result of text processing.

The first one contains a frequency table of names in the text in alphabetical order and the second one contains a frequency table of Arabic numerals in the text in ascending order.

The final result must be short description, including what one or another member of the group did ( the use of AI too). All group members receive an equal number of points. ¼ of the points goes directly to the final result.

Group cooperation should be based on the use of git. The link to the corresponding result will be sent no later than 5 minutes before the end of the lesson to [vladimir.viies@gmail.com](mailto:vladimir.viies@gmail.com)

Points:max 24p

1.(4p) The program(function) must asks user filename with data. If the file does not exist, the program has to ask again until the file exists( but not more than 3 times For example: ***Enter filename: C8.txt: File does not exist*** ,***try again you can do it 2 more times. +*** One function must specify file size.

2.(6p+2p)Fail with names(2p) in alphabetic order(2p),with the freguency(2p)+2p using tree or other data structure.

3.(6p+2p) Fail with numbers(2p) in ascending order(2p),

with the freguency(2p)+2p using tree or other data structure.

NB! You have to write the sorting function yourself

4.( 4p) Correct report(description of work and results)in git.