Vidzeme University of Applied Sciences

**Faculty of Engineering**

Introduction to Python and Data Exploration

group 08

practical work #4

Valmiera, 2023

CONTENT

1 Code Structure 4

List of used resources 5

APPENDIX 1 6

|  |  |  |  |
| --- | --- | --- | --- |
| Document versions | | | |
| Version | Status / Changes | Date | Author |
| 1.0 | Made the program | 06.03.2023 | Rainers Krūmiņš |

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| --- | --- | --- | --- |
| **Contacts and responsible (-s)** | | | |
| Name Surname | Department | Position | Contact information (e-mail) |
| Rainers Krūmiņš | Group #8 | Coordinator | rainers.krumins@va.lv |
| Ričards Didriksons | Group #8 | Member | ricards.didriksons@va.lv |
| Gatis Stūrītis | Group #8 | Member | gatis.sturitis@va.lv |

**GOAL.** Making a program which reads an e-mail .txt file. The program sorts out recieved emails and orders the senders in alphabetic order.

# Code Structure

**NB! In open() function correct data file name/ location needs to be written (in case the file location or name is different)**

* Reading the file.



* Declaring senders array.



* A loop that iterates through each line. If the line starts with “From”, the line is split and the sender gets added to the senders’ array.

Graphical user interface, text

Description automatically generated

* A loop that sorts the senders’ array in alphabetic order and prints each array element.



* A printout of the total amount of senders



# List of used resources

Introduction to Python and Data Exploration - Dr.sc.ing., Kaspars Osis

# APPENDIX 1

\_pyt2023\_group08\_pw4.zip

\_pyt2023\_group08\_pw4\_rainers\_krumins.zip

\_pyt2023\_group08\_pw4\_ricards\_didriksons.zip