

CSE 101- INTRODUCTION TO COMPUTER SCIENCE

Homework #05

Due date: 28.12.2018 13:00

In this homework you have to sort all the people given in "hw4_disordered_people.txt". You will get the sort column from the user and write the ordered people in "orderedFile.txt".

Standart sort is as shown:

ID	NAME	SIR NAME	MAIL
4564765	Andria	MALLE	abc@gmail.com
.....			

The row selected by the user will be placed on the first column and the order will be made according to it. Sample:

Give a Sort Metric (I = ID N= NAME S= SIR NAME M=MAIL) : M			
File output file will be as shown:			
MAIL	ID	NAME	SIR NAME
abc@gmail.com	4564765	Andria	MALLE
.....			

Give a Sort Metric (I = ID N= NAME S= SIR NAME M=MAIL) : N			
File output file will be as shown:			
NAME	ID	SIR NAME	MAIL
Andria	4564765	MALLE	abc@gmail.com
.....			

The order of ascii table will be used in the sorting. Detailed in the next page.

Rules:

- Console inputs must be accept upper case charcter "N,M,I,S". Can be accept lower case character "n,m,i,s"
- Output file name: orderedFile.txt
- Input file name is: hw4_disordered_people.txt
- Upload your files only in a .zip file on moodle. The zip name should be in the same in the form of : number_name_surname (ex:181041001_abdullahsalih_bayraktar.zip).
- Zip file can contains only source files with "c" and or "h" extension. No txt file etc..
- If you upload wrong file formats on moodle. You will lose point. Be careful!

If you have any question about homework, send e-mail to: asbayraktar@gtu.edu.tr

Sorting Example :

Given char arrays: Aa, aaa, ve Aaa, bb, a, c, a a, 112, 45

Charcter on asci table :

Character	Ascii (Decimal)
A	65
a	97
b	98
SPACE " "	32
c	99
1	49
2	50
4	52
5	53

Unordered char arrays:

Sample char array	As Ascii Number
Aa	65 ,97
aaa	97, 97, 97
Aaa	65 ,97
bb	98, 98
a	97
c	99
a a	97, 32, 97
112	49, 49, 50
45	52, 53

Ordered char arrays:

Sample Char array	As Ascii Number
112	49, 49, 50
45	52, 53
Aa	65 ,97
Aaa	65 ,97, 97
a	97
a a	97, 32, 97
aaa	97, 97, 97
bb	98, 98
c	99

Good Luck!