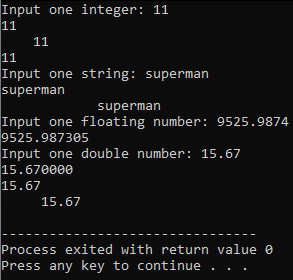
Teh Jing Ling A20EC0228

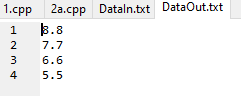
Lab 10

1.



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| s | u | p | e | r | m | a | n |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | s | u | p | e | r | m | a | n |
| 9 | 5 | 2 | 5 | . | 9 | 8 | 7 | 4 |  |  |  |  |  |  |  |  |  |  |  |
| 9 | 5 | 2 | 5 | . | 9 | 8 | 7 | 3 | 0 | 5 |  |  |  |  |  |  |  |  |  |
| 1 | 5 | . | 6 | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 | 5 | . | 6 | 7 |  |  |  |  |  |  |  |  |  |  |

2.b.



line 3 - A header file that require to use datatype (ifstream, ofstream and fstream)

line 9 – datatype for input files

line 10 – datatype for output files

line 12 – use to opening file for input only and cannot be written

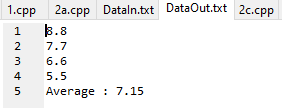
line 13 – use to create an output file.

Line 15 – use the input file object to get the data to variable

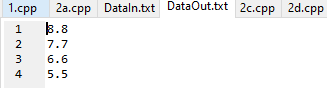
Line 16-19 - use the output file object and send the data to the file

The program will open the input file which is DataIn.txt and out file which is DataOut.txt at line 12 and 13. In line 15, the program will read the input file and copy the data to output file which at line 16 to 19. The program will save the data in the output file which is DataOut.txt.

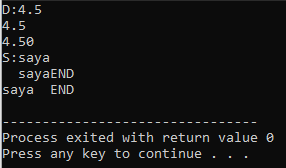
c.



d.

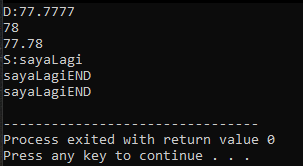


3. a.



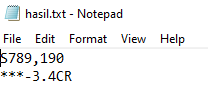
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 | . | 5 |  |  |  |  |  |  |  |  |  |  |  |
| 4 | . | 5 | 0 |  |  |  |  |  |  |  |  |  |  |
|  |  | s | a | y | a | E | N | D |  |  |  |  |  |
| s | a | y | a |  |  | E | N | D |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

b.

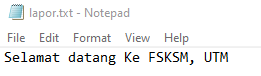


|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 8 |  |  |  |  |  |  |  |  |  |  |  |  |
| 7 | 7 | . | 7 | 8 |  |  |  |  |  |  |  |  |  |
| s | a | y | a | L | a | g | i | E | N | D |  |  |  |
| s | a | y | a | L | a | g | i | E | N | D |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

4. a.



b.



c.

