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Report: hw1

Author: F74045018 廖其忻

Class: 甲班

Description:

I did my works by referring to textbook and asking seniors and friends. In this homework, I have learnt that the application of loops and also technique to debug and reduce bugs. I have also learnt that the details of coding and the format of coding.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Code:

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2 Student Number: F74045018

3 Name: Cayon Liow Keei Yann

4 Way of Compiling: gcc -o hw1 hw1.c

5 Way of Executing: ./hw1(input file name)(output file name)

6 Function of the Program: Copying a file

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10 #include <stdio.h>

11 #include <stdlib.h>

12

13 int main(int argc, char\*argv[])

14

15 {

16 FILE \* readfile;

17 FILE \* writefile;

18 char word;

19

20 readfile = fopen(argv[1],"r");

21 writefile = fopen(argv[2],"w");

22

23 while (fscanf(readfile,"%c",&word) != EOF)

24 {

25 fprintf(writefile,"%c",word);

26 }

27

28 fclose(readfile);

29 fclose(writefile);

30

31 }

Compilation:

gcc -o hw1 hw1.c

Execution:

./ hw1 (input file name) (output file name)

Output:

Welcome to C !