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Report: HW0\_1

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Class: 乙班

Description:

I finish this homework by reference the PPT in class and consult some classmates for how to use the pietty.

I had learn how to write the code on the terminal.

I also learn the means of EOF, the function getc and the different between argc and argv[].

I have a question that what’s different between the two statement after.

1.putc(c,ofp);

2.fprintf(ofp,”%c”,c);

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

#include <stdio.h>

#include <stdlib.h>

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

{

int c;

FILE \*ifp , \*ofp;

if(argc != 3)

{

printf("your command was wrong\n\n");

exit(1);

}

else

{ ifp = fopen(argv[1],"r");

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

while((c=getc(ifp))!= EOF)

putc(c,ofp);

fclose(ifp);

fclose(ofp);}

return 0;}

Compilation:

gcc -o hw1 hw1.c

(不能直接gcc hw1.c!!)

Execution:

./hw1 TestDate1 Output1

(執行檔需和 .c檔同名)

Output:

C14031162@c-2015-1:~/Hw1> cat Output1

Welcome to C !

C14031162@c-2015-1:~/Hw1> cat Output2

Welcome to Computer & Internet Architecture Lab!

Our current research interests are web page cacheability, distributed proxy servers, cluster-based web servers, internet QoS, router and web switch design, Layer 5 Switch, and web server benchmark designs using trace and execution simulation of RSIM and Simplescalar.