```
*********************************************************
Report: hw1
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Class: 乙班
Description:
將欲複製檔案中的字元儲存到變數中，再將字元從變數存入目標檔案內，重複此
過程直到欲複製檔案的結束。

我學到了該如何使用 C 語言開啟其他檔案讀取和寫入資料，還有當使用 C 語言
開啟其他檔案時該注意的事項。
*********************************************************
Code:

#include <stdio.h>

int main(int argc, char *argv[])
{
      char ch;
      FILE *ipf, *opf;

      ipf = fopen(argv[1], "r");
      opf = fopen(argv[2], "w");

      while((ch = fgetc(ipf)) != EOF)
      {
            fputc(ch, opf);
      }
      /*
      copy the character from the input file
      store the character in the ch variable
      put the character into the output file
      repeat the process until end of the file
      */

      fclose(ipf);
      fclose(opf);

      return 0;
```

```
}

Compilation:

     gcc -o hw1 hw1.c


Execution:

     ./hw1 ./TestData1 ./TestData2


Output:

login as: F74046022
Using keyboard-interactive authentication.
Password: ********
Last login: Mon Oct 12 21:39:16 2015 from 140.116.109.164
Have a lot of fun...
F74046022@c-2015-2:~> cd hw1
F74046022@c-2015-2:~/hw1> ls
hw1  hw1.c  TestData1  TestData2
F74046022@c-2015-2:~/hw1> ./hw1 ./TestData1 ./TestData2
F74046022@c-2015-2:~/hw1> vim TestData2
Welcome to C !
```