

**C Language Programming: Homework #1**  
**Assigned on 09/25/2018, Due on 10/02/2018**

## **Description:**

Modify addfrac.c in page 46 of Chapter 3 (PPT p.30) with the following enhancement:

1. (20%) command line argc and argv to input variable num1, denom1, num2, and denom2.
2. (20%) functions atoi() of <stdlib.h> to convert strings to values of type integer.
3. (50%) Try to reduce or simplify the final fraction by computing the greatest common divisor using for loop. (You can also try to use Euclidean algorithm (輾轉相除法) as another method to solve it.)
4. (10%) Report.
5. (Bonus 10%) Update your report on your server.

## **Command Line:**

```
./hw1 num1 denom1 num2 denom2
```

(注意有空白鍵隔開)

## **Output:**

Output an irreducible fraction in form of x/y.

## **Example**

```
> ./hw1 13 20 11 10
> 7/4
```

# Bonus

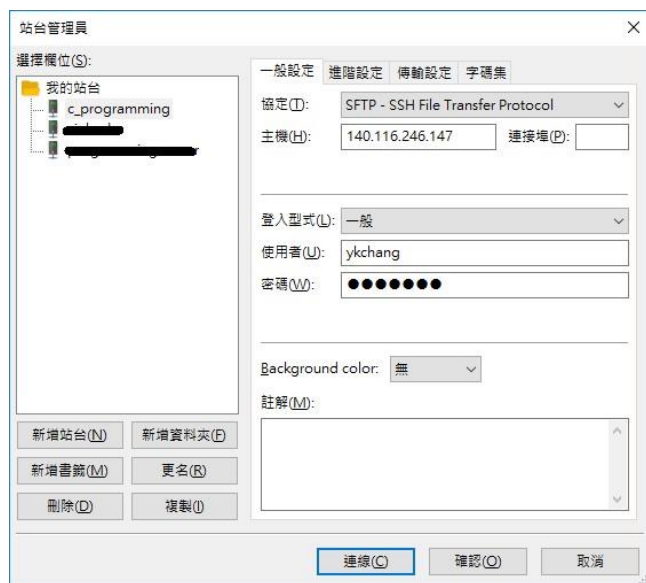
請各位從這次開始，除了要交紙本，也要將 report 以電子檔的形式上傳至 server 電子檔名格式：F74028888 王大明 HW0.docx

以下為教學，若仍有許多不懂的地方，下次上課後助教再實際操作一次

1. 安裝 FileZilla
2. 連線方式：打開 FileZilla 後>檔案>站台管理員



3. 如圖設定好連線方式後連線



4. 這邊直接確認就好



## 5. 進到對應的目錄並上傳你的電子檔，一份作業一個電子檔

