

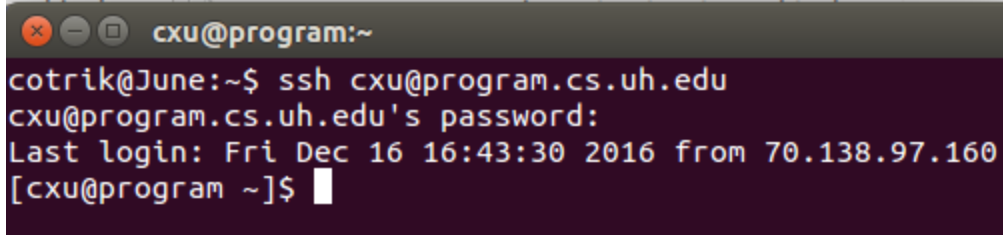
How to submit a homework

1. For Linux and Apple users

(1) Open a Terminal, type the following command.

`ssh username@program.cs.uh.edu`

(2) Type your password. Be careful, you cannot use Backspace or Delete when you make any mistakes, please retype your password again

A terminal window titled 'cxu@program:~' showing the execution of 'ssh cxu@program.cs.uh.edu'. It prompts for the password, shows the last login time as 'Fri Dec 16 16:43:30 2016 from 70.138.97.160', and returns to the shell prompt '[cxu@program ~]\$'.

(3) Type the following command to create a homework directory (assume you submit hw0).

WARNING: Must be hw0 (**HW0, Hw0, hW0, hw_0, etc is not acceptable**)

`mkdir hw0`

(4) If you have already had the folder hw0, you do not need to the steps above. Open another Terminal. Change directory to your code folder. Type the following commands

`cd demo`

`scp -r *.cpp username@program.cs.uh.edu:~/hw0/`

(5) Login the server again

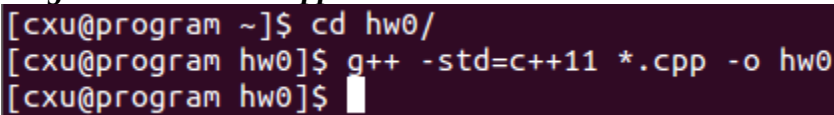
`ssh username@program.cs.uh.edu`

(6) Change directory to hw0

`cd hw0`

(7) Make sure the following command can compile your code (No error returns)

`g++ -std=c++11 *.cpp -o hw0`

A terminal window showing the user changing to the 'hw0' directory with 'cd hw0/' and then running the compilation command 'g++ -std=c++11 *.cpp -o hw0' successfully.

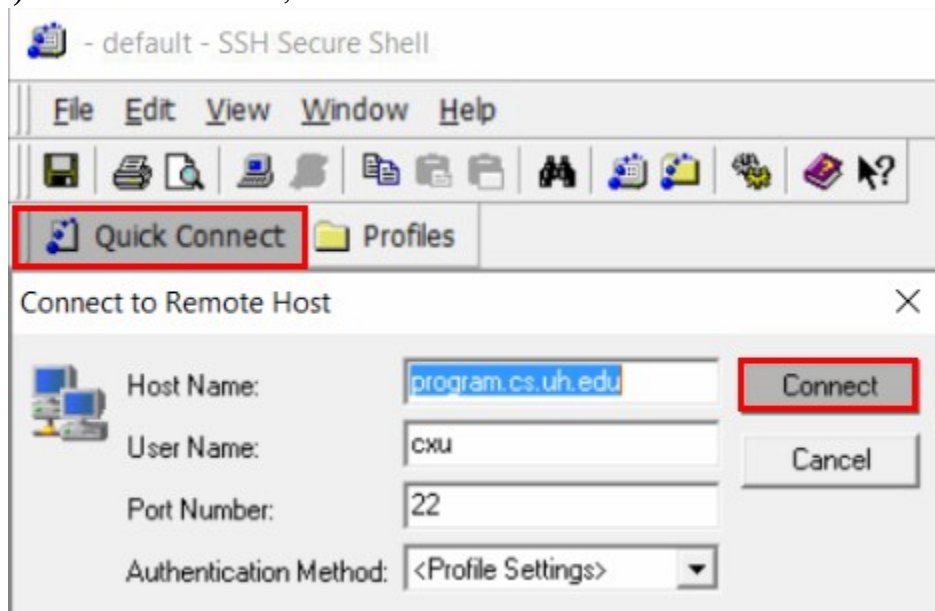
2. For Windows users

(1) Download and Install [SSHSecureShellClient-3.2.9.exe](#)

(2) Open SSH Secure Shell

(3) Click **Quick Connect**

(4) Fill the **Host Name**, **User Name**. Click **Connect**

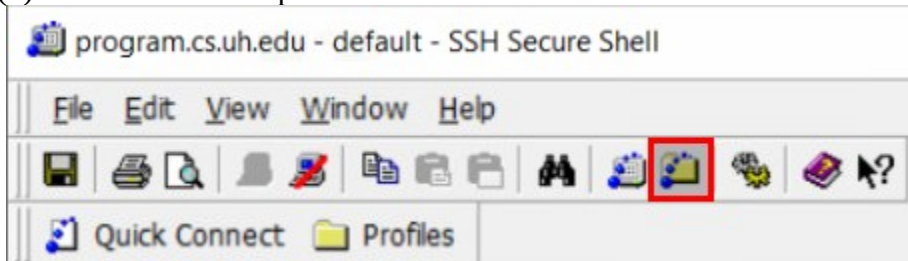


(5) Enter Password and Click **OK**

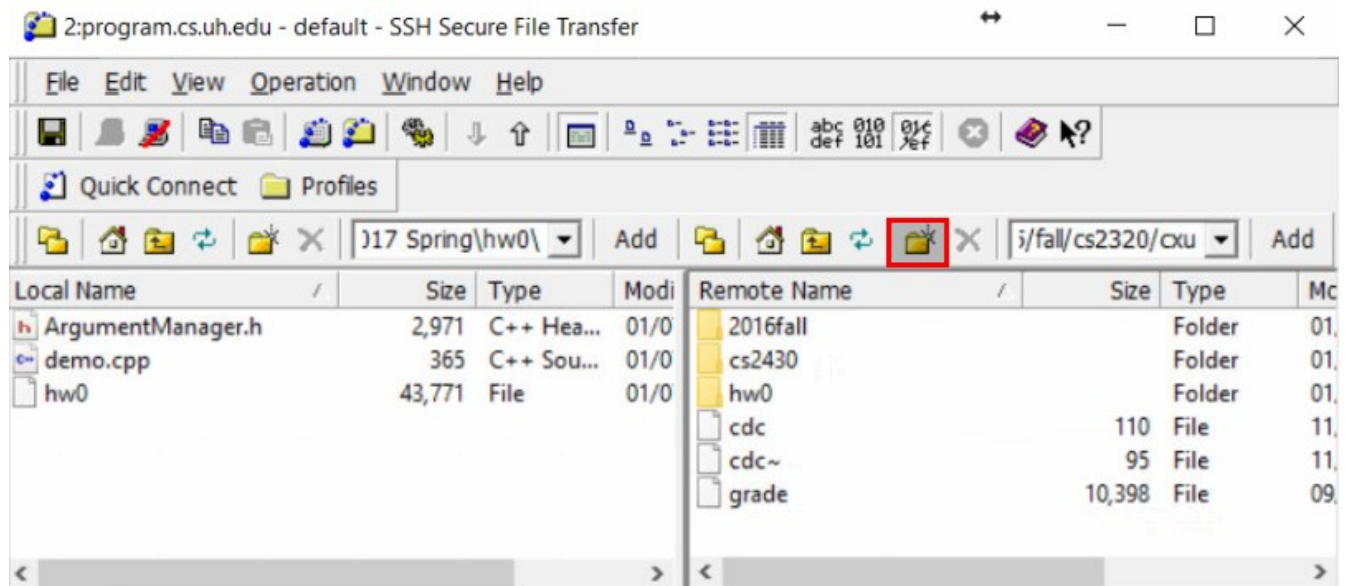


(6) Successfully login

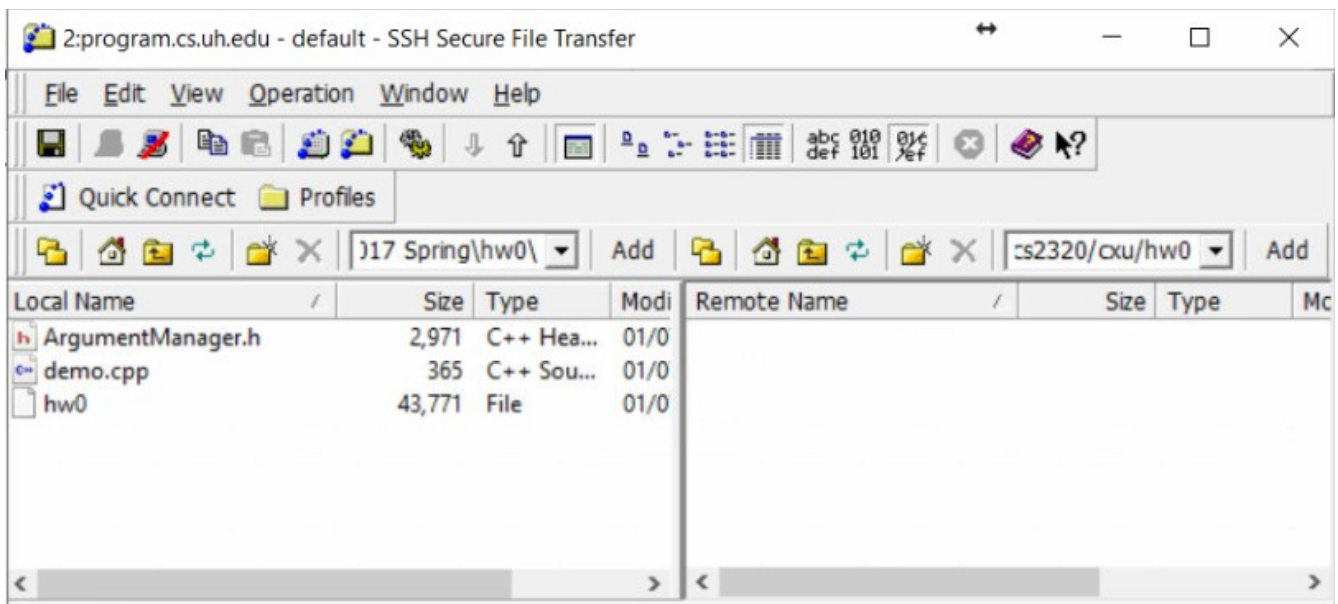
(7) Click the icon to open File Transfer Window



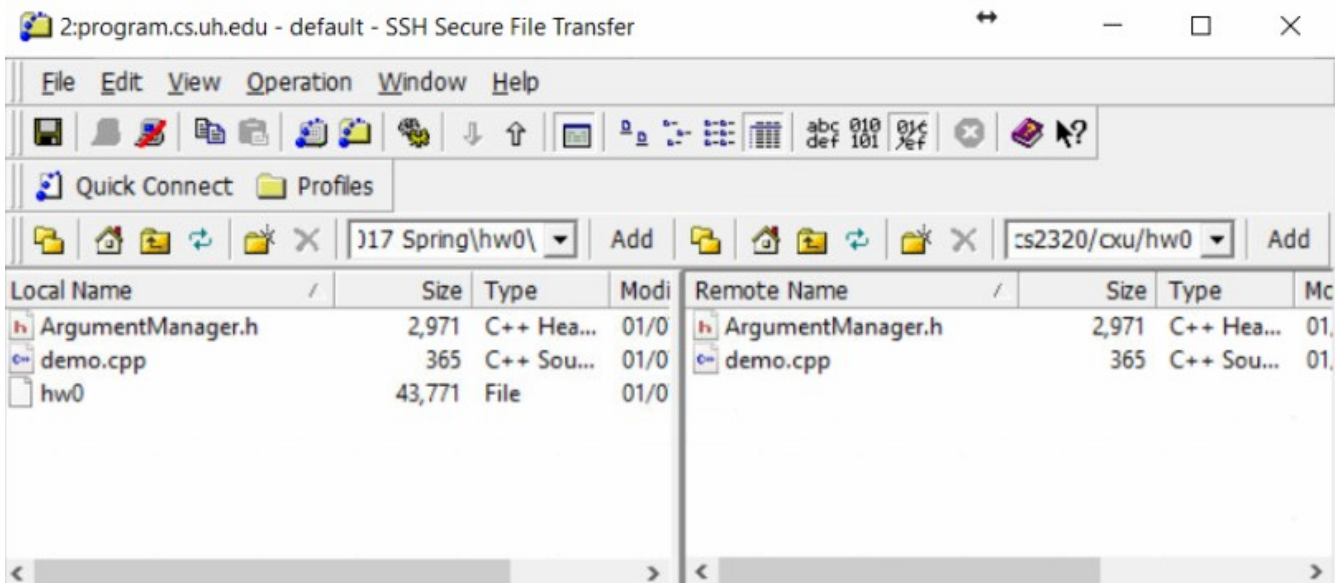
(8) Left window is your local computer, Right is the server, change directory to your code folder in the left window. Click the highlighted icon in the right window to create a folder name hw0, hw1, hw2, etc. if you do not have one. Must be hw0 (**HW0, Hw0, hW0, hw_0, etc is not acceptable**)



(9) Change directory to your code folder in the right window.



(10) Drag all .h .cpp files from the left window to the right window.



(11) Go back to SSH Secure Shell. Change directory to hw0

cd hw0

(12) Make sure the following command can compile your code (No error returns)

g++ -std=c++11 *.cpp -o hw0

```
1:program.cs.uh.edu - default - SSH Secure Shell

File Edit View Window Help

[Icons: Save, Print, Find, Copy, Paste, Undo, Redo, Open, Save As, Print As, Home, Up, Down, Left, Right, Search, Help, etc.]

Quick Connect Profiles

SSH Secure Shell 3.2.9 (Build 283)
Copyright (c) 2000-2003 SSH Communications Security Corp - ht

This copy of SSH Secure Shell is a non-commercial version.
This version does not include PKI and PKCS #11 functionality.

Last login: Sat Jan 7 18:28:40 2017 from 70.138.97.160
[cxu@program ~]$ cd hw0
[cxu@program hw0]$ g++ -std=c++11 *.cpp -o hw0
[cxu@program hw0]$
```

Download all the files from <http://cs.uh.edu/~rizk/teaching/cosc2430/homeworks/2018fall/hw1/testcase/>, upload them to your hw1 folder

Index of [/~rizk/teaching/cosc2430/homeworks/2018fall/hw1/testcase](http://cs.uh.edu/~rizk/teaching/cosc2430/homeworks/2018fall/hw1/testcase)

Name	Last modified	Size	Description
 Parent Directory		-	
 ans1.txt	20-Aug-2018 16:34	5	
 ans2.txt	20-Aug-2018 16:50	33	
 ans3.txt	20-Aug-2018 16:56	5	
 ans4.txt	03-Sep-2018 13:03	50	
 compile.sh	20-Aug-2018 22:51	38	
 matrix11.txt	20-Aug-2018 16:35	10	
 matrix12.txt	20-Aug-2018 17:00	17	
 matrix13.txt	20-Aug-2018 16:55	31	
 matrix14.txt	03-Sep-2018 12:59	20	
 matrix21.txt	20-Aug-2018 01:25	9	
 matrix22.txt	20-Aug-2018 17:01	25	
 matrix23.txt	20-Aug-2018 16:56	23	
 matrix24.txt	03-Sep-2018 12:59	20	
 test.sh	21-Aug-2018 00:25	2.2K	
 test4.sh	03-Sep-2018 13:00	2.5K	

Apache/2.2.23 (Fedora) Server at cs.uh.edu Port 80

This folder may be different for different semesters and different homeworks. You need to find the link from here. <http://cs.uh.edu/~rizk/homework.html>

use the command "chmod u+x test.sh" to change the permission of your test.sh file

```
[cosc3298@program hwl]$ chmod u+x test.sh
```

Run the test.sh to see the result

```
[cosc3298@program hwl]$ ./test.sh
Test case 1    FAILED.
Test case 2    PASSED.
Test case 3    PASSED.
[cosc3298@program hwl]$
```

Now, you need to read the content of the test case 1, and debug to find the bugs.

You may read other tutorials about how to debug your program.

How to debug in Linux? http://cs.uh.edu/~rizk/FAQ/debug_Linux/

How to debug in Visual Studio 2017? http://cs.uh.edu/~rizk/FAQ/debug_VisualStudio/