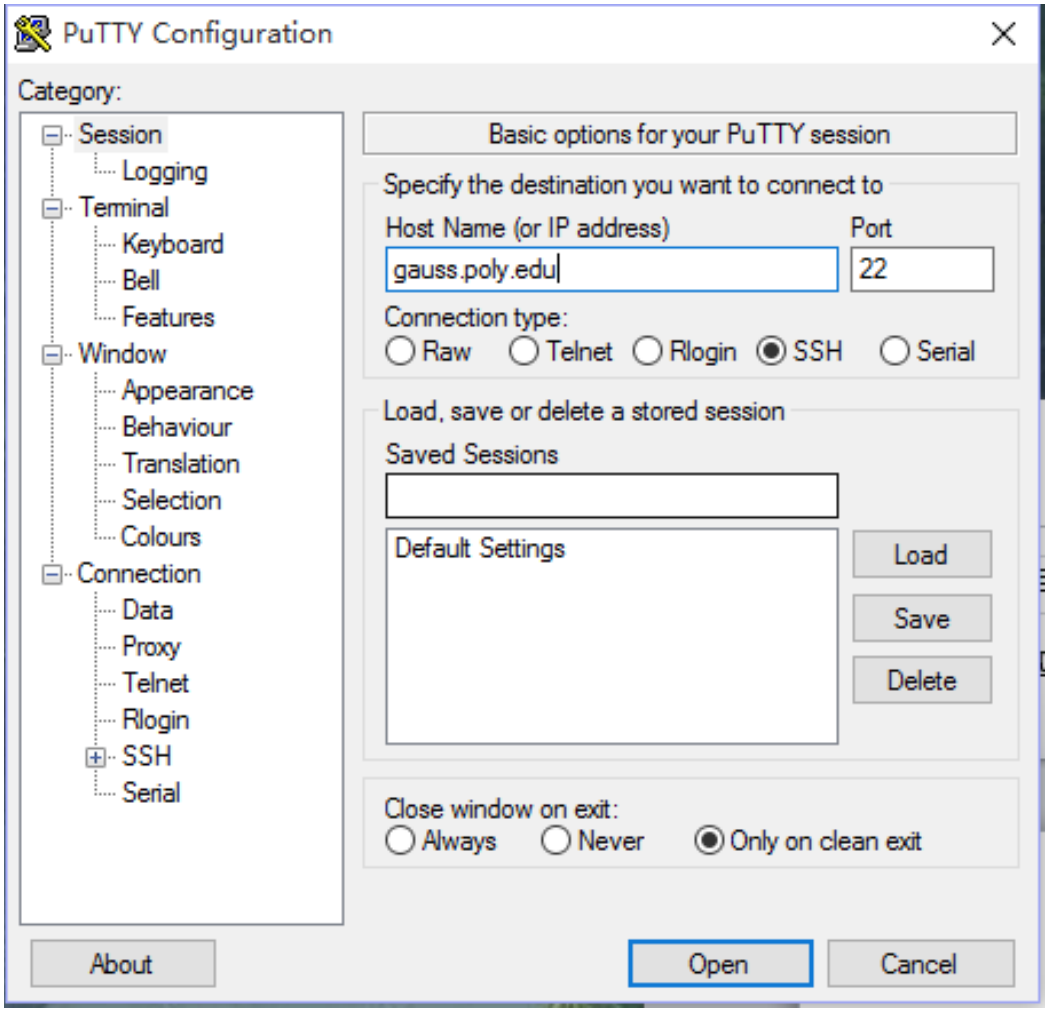
Gauss Tutorial for Windows

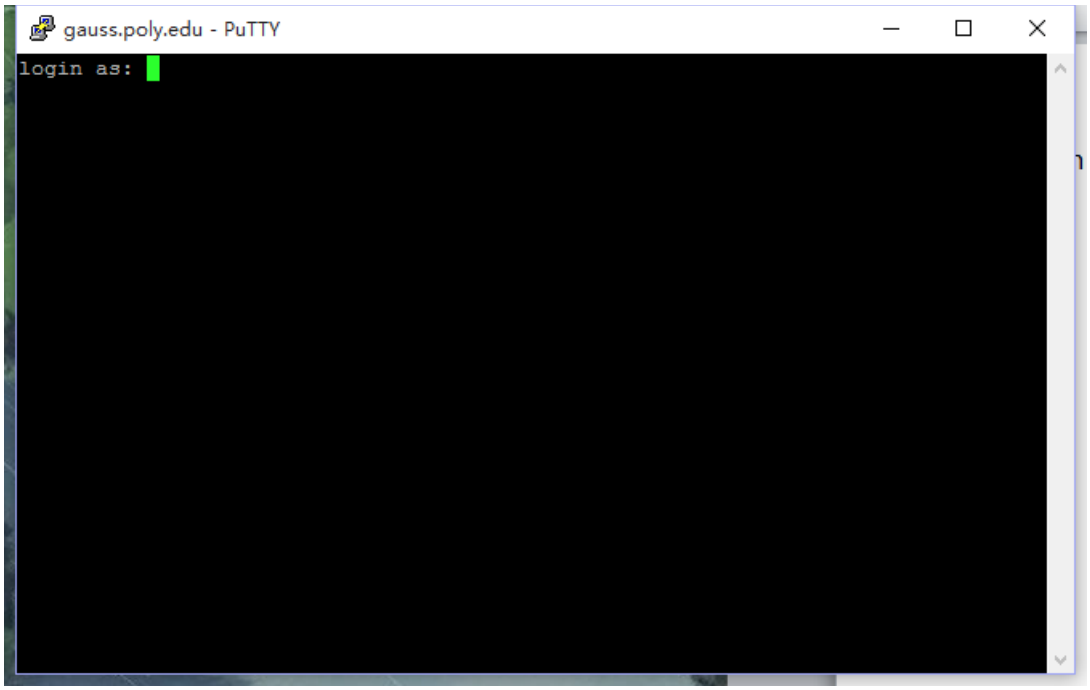
1. Putty

Download Putty from the following link:

http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html

Install PuTTY and enter the Host Name as: gauss.poly.edu and click Open





This window should open if you have done everything correct.

A) Login using your NetID (example: ***MJ23***)
B) Enter your Password, your N number (example: ***N12345678***)
C) You can use command: ***ls***, to check what is in your root folder;
D) Create a project for your project using command: ***mkdir CS6133Lab*** (You can name the folder as you like)

2. Copy project files (MIPS.cpp, Makefile, imem.txt, dmem.txt)

   Download FileZilla to transfer local files to Gauss.

   https://filezilla-project.org/download.php

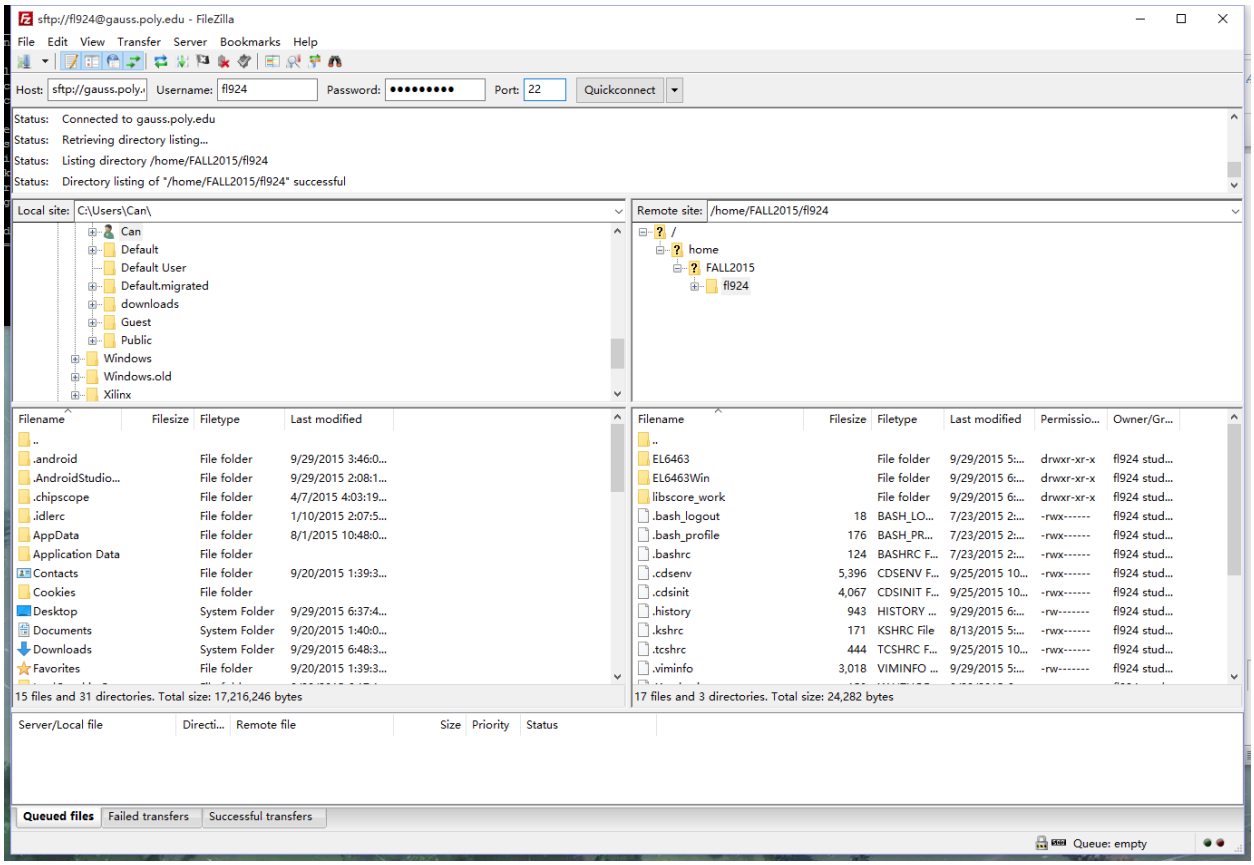
   After you install it, start FileZilla and Quickconnect to Gauss.

   Connection Info:

   Host: gauss.poly.edu

   Username: *your NetID* (example: MJ23)

   Password: *your N number* (example: N12345678)



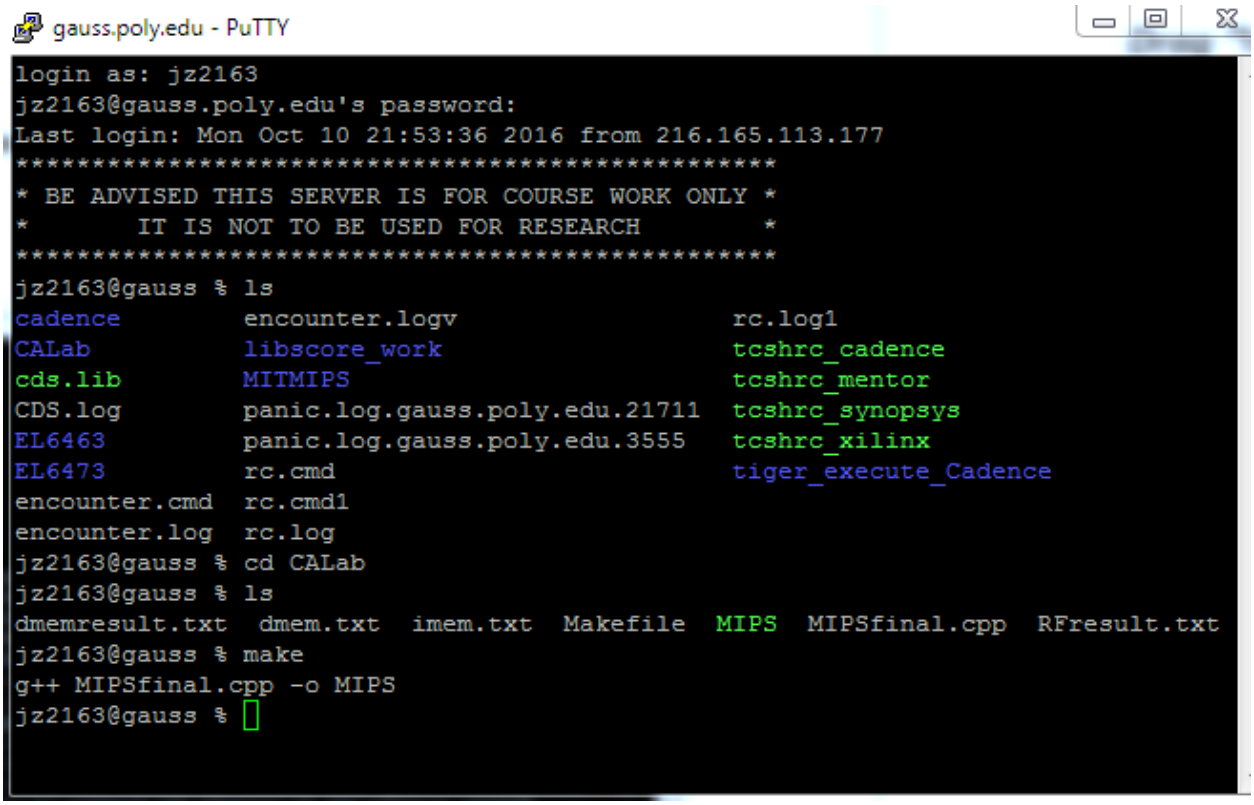
Find the ***CS6133Lab*** directory which you created in Putty.

Drag "MIPS.cpp, Makefile, imem.txt, dmem.txt" to the created ***CS6133Lab.***

3. Compile C++ on **Putty**
   Login to Gauss and go to project folder
   Cd ***CS6133***
   Cd ***CS6133Lab***

   Compile the codes using command**:**
   Make

   After finished, you should see the following window:



If you successfully compiled the code, you can run it by typing:
./MIPS

The results of the program would be in the **dmemresult.txt** and **RFresult.txt** files.

At this point, you can refresh the Filezilla by **F5**, and download the files you want back to **Windows**; Or you can edit the files by VIM.