

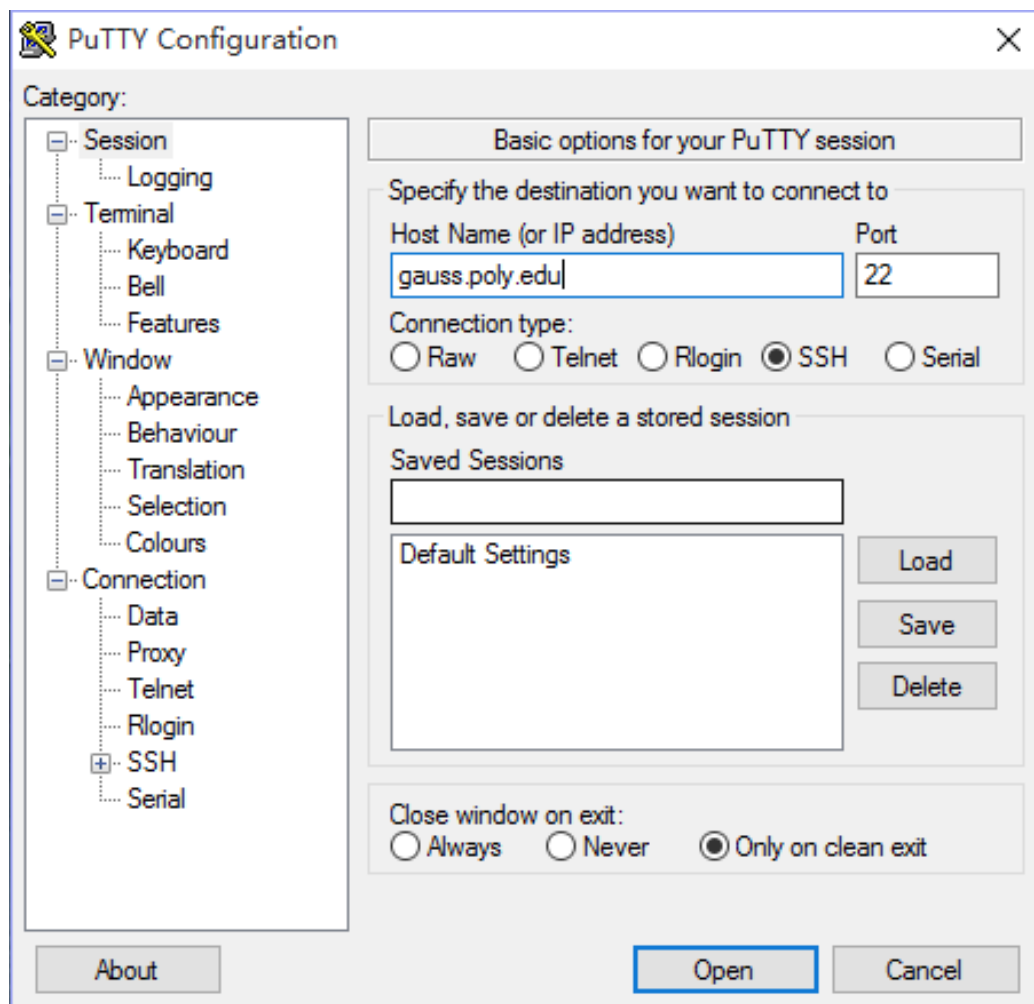
Gauss Tutorial for Windows

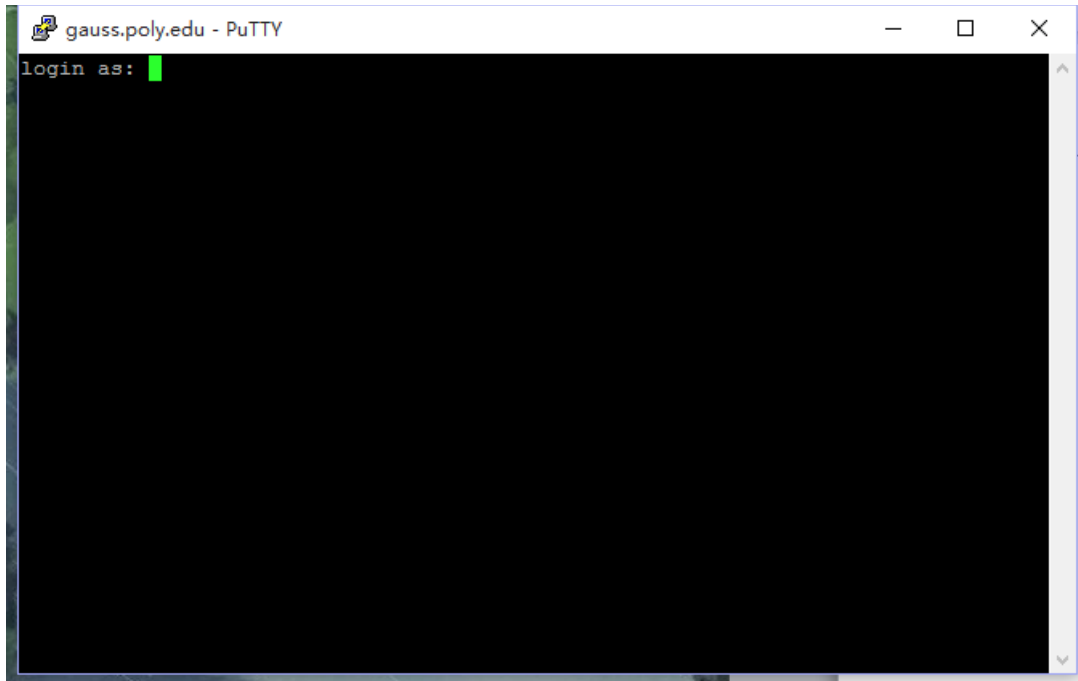
1. Putty

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>

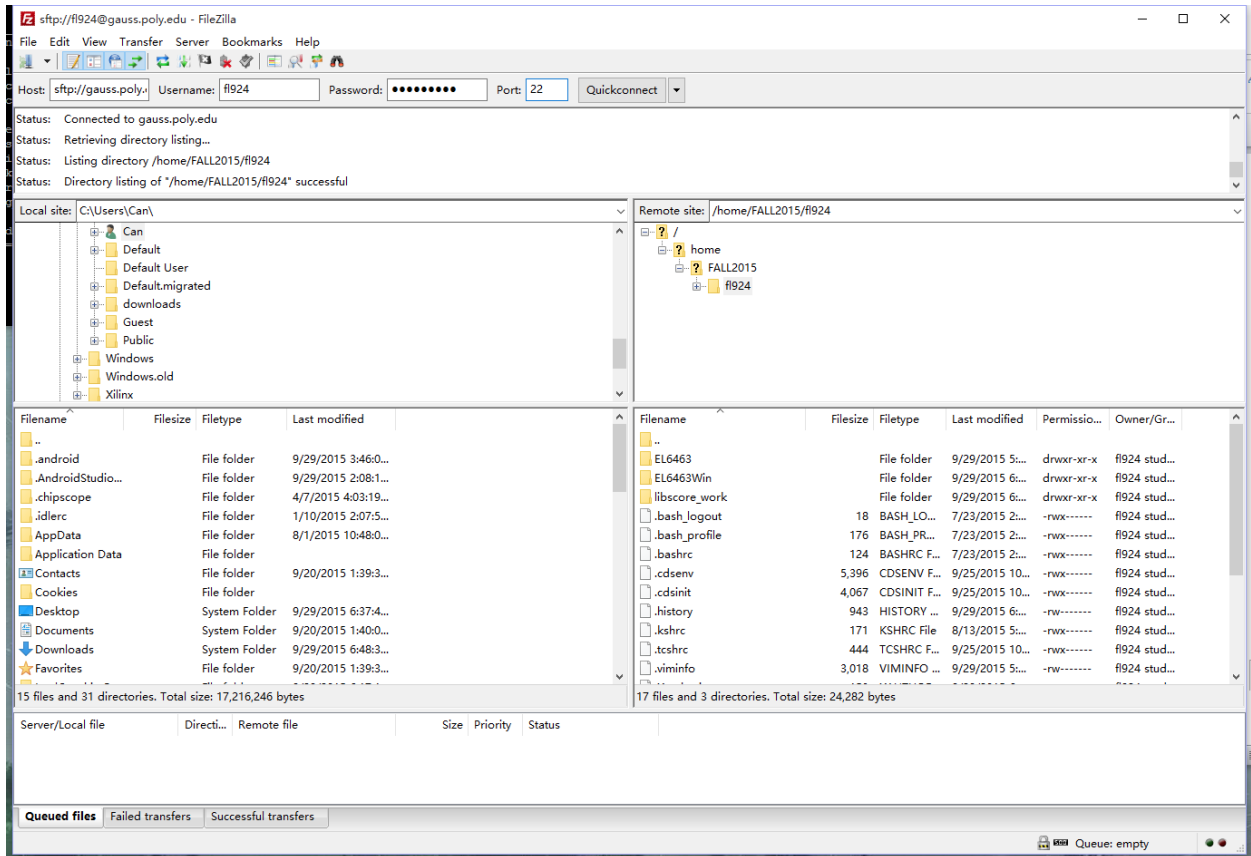
After you install it, start FileZilla and Quickconnect to Gauss.

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:

```
gauss.poly.edu - PuTTY
login as: jz2163
jz2163@gauss.poly.edu's password:
Last login: Mon Oct 10 21:53:36 2016 from 216.165.113.177
*****
* BE ADVISED THIS SERVER IS FOR COURSE WORK ONLY *
* IT IS NOT TO BE USED FOR RESEARCH *
*****
jz2163@gauss % ls
cadence          encounter.logv          rc.log1
CALab            libscore_work          tcshrc_cadence
cds.lib          MITMIPS                tcshrc_mentor
CDS.log          panic.log.gauss.poly.edu.21711 tcshrc_synopsys
EL6463           panic.log.gauss.poly.edu.3555 tcshrc_xilinx
EL6473           rc.cmd                 tiger_execute_Cadence
encounter.cmd    rc.cmd1
encounter.log    rc.log
jz2163@gauss % cd CALab
jz2163@gauss % ls
dmemresult.txt  dmem.txt  imem.txt  Makefile  MIPS  MIPSfinal.cpp  RResult.txt
jz2163@gauss % make
g++ MIPSfinal.cpp -o MIPS
jz2163@gauss %
```

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 **RResult.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.