**How to Remotely Connect to a Server**

You can log in to the server that we use for this class workshop.sps.nyu.edu, from any computer that is connected to the Internet as follows:

**Using an SSH Terminal Connection:** *(optional)*

For Windows users,

* Download PuTTY software from <https://www.putty.org>
* It is best if you download the Binary File for putty.exe for "64-bit x86".
* Double click on the PuTTY icon on your desktop to run it.
* Type the host name "**workshop.sps.nyu.edu**" and port "**22**" and click Open.
* On the next screen (the terminal screen) type in your userid and password.

You can configure PuTTY by setting up sessions (*so it is easier to login next time*), changing colors, fonts, etc. One configuration that might be important is to set the Translation – Remote character set to **UTF-8**

For Mac OS users,

Start a terminal program (by selecting Finder/Applications/Utilities/Terminal), and type in the following command line in the terminal:

**ssh** *your\_userid*@workshop.sps.nyu.edu

You will be prompted to type in your password to log in.

**Using an SFTP Tool:** *(required)*

S/FTP (file transfer protocol) is a tool that allows you to transfer files from your local computer to a server computer and vice versa. Download one of the following recommended tools:

**WinSCP** For the Windows platform <https://winscp.net/>

**FileZilla** For the Mac OS platform <https://filezilla-project.org/>

In either case, launch the tool, and log in to the host workshop.sps.nyu.edu with your userid and password credentials.
- Please ensure that you use **S**FTP transfer and/or port number 22 (*not the default* 21).

- Make sure that when transferring python code, you use ASCII or Text transfer mode.