Homework 4 – Setup Instructions

1. Get ssh client:

    CADE: The CADE labs already have putty

    WINDOWS: Download Putty:
https://the.earth.li/~sgtatham/putty/latest/x86/putty.exe

    OSX: Applications→Utilities→Terminal

NOTE: In the following instructions cadelogin is your CADE login, not "cadelogin"

2. Connect to CADE server:
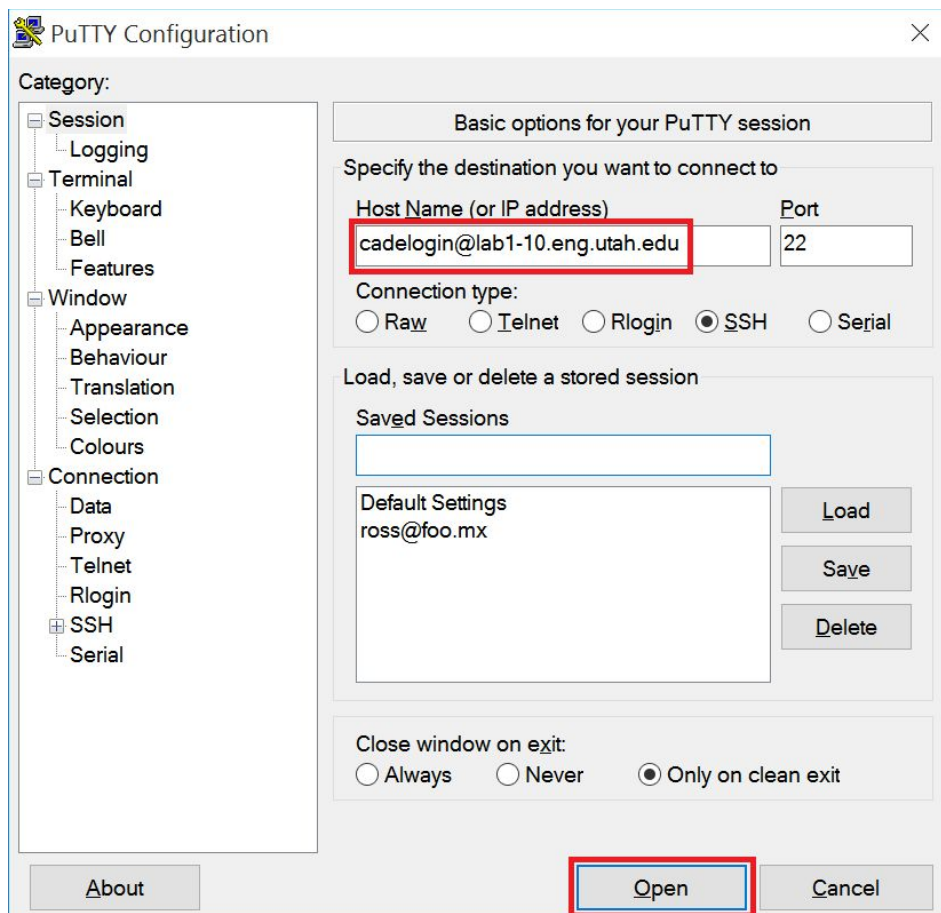
    WINDOWS:

    1. Run Putty.exe

    2. Enter cadelogin@lab1-10.eng.utah.edu (you can replace 10 with 1 – 40)

    3. Click open

    4. Click yes to confirm certificate

    5. Type your password and hit enter (you will not see your password being typed)

```
lab1-10.eng.utah.edu - PuTTY                        —   □   ×
Using username "cadelogin".
cadelogin@lab1-10.eng.utah.edu's password: ■
```

OSX:

    1. Run Terminal in Applications→Utilities→Terminal
    2. Type "ssh cadelogin@lab1-10.eng.utah.edu" and hit enter
    3. Type "yes" to confirm certificate
    4. Type your password and hit enter (you will not see your password being typed)


```
ross@serenity: ~                                    —   □   ×
ross@serenity:~$ ssh cadelogin@lab1-10.eng.utah.edu
The authenticity of host 'lab1-10.eng.utah.edu (155.98.111.59)' can't be establi
shed.
RSA key fingerprint is e4:e2:81:3a:0f:76:f6:f6:ab:4c:ca:27:ae:cf:bd:88.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'lab1-10.eng.utah.edu,155.98.111.59' (RSA) to the lis
t of known hosts.
cadelogin@lab1-10.eng.utah.edu's password:
```

NOTE: These instructions are the same on windows (putty) and osx (ssh).

3. To set up HW 4 on CADE server:

   1. mkdir CS1060-HW4
   2. cd CS1060-HW4
   3. wget http://www.sci.utah.edu/~beiwang/teaching/cs1060/hw4.zip
   4. unzip hw4.zip
   5. cd hw4
   6. To edit a particular file, for example:
      nano hw4.py
      nano wordcount.py
   7. To run a file:
      python3.5 wordcount.py
      python3.5 streaming.py

4. Instruction for OSX:
   If you have trouble running the code, make sure the twitter API is installed:

   sudo pip install twitter
   sudo pip install oauth

   Otherwise, please ask TA for help during office hours.