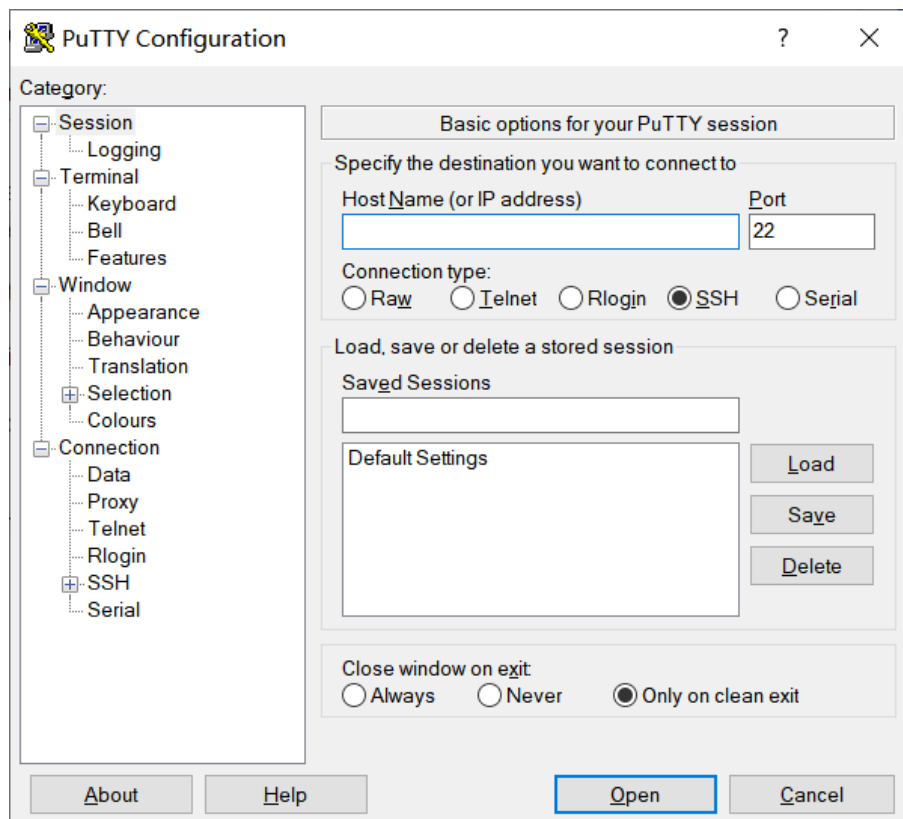


Download Putty, a free SSH and telnet client for Windows.

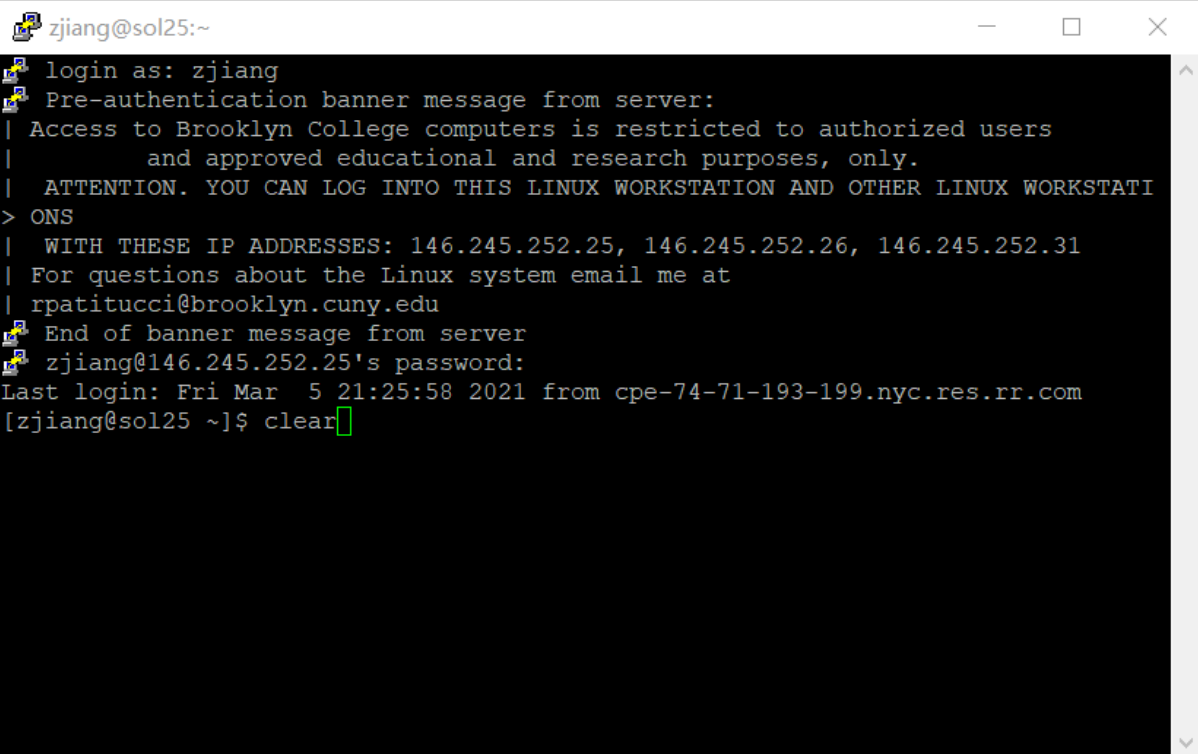
Enter one of the IP addresses below in the Host Name

- 146.245.252.25
- 146.245.252.26
- 146.245.252.28
- 146.245.252.29
- 146.245.252.30
- 146.245.252.31
- 146.245.252.150




Click Open

Then enter your Linux username and password

A terminal window titled 'zjiang@sol25:~' with standard window controls. The terminal output shows a login sequence: 'login as: zjiang', a pre-authentication banner message from the server regarding Brooklyn College access restrictions, and the user's password prompt. The user has entered their password, and the terminal shows the last login information and the command 'clear' being entered at the prompt.

```
zjiang@sol25:~  
login as: zjiang  
Pre-authentication banner message from server:  
| Access to Brooklyn College computers is restricted to authorized users  
|       and approved educational and research purposes, only.  
| ATTENTION. YOU CAN LOG INTO THIS LINUX WORKSTATION AND OTHER LINUX WORKSTATI  
> ONS  
| WITH THESE IP ADDRESSES: 146.245.252.25, 146.245.252.26, 146.245.252.31  
| For questions about the Linux system email me at  
| rpatitucci@brooklyn.cuny.edu  
End of banner message from server  
zjiang@146.245.252.25's password:  
Last login: Fri Mar  5 21:25:58 2021 from cpe-74-71-193-199.nyc.res.rr.com  
[zjiang@sol25 ~]$ clear
```

I used the clear command to clear the terminal screen

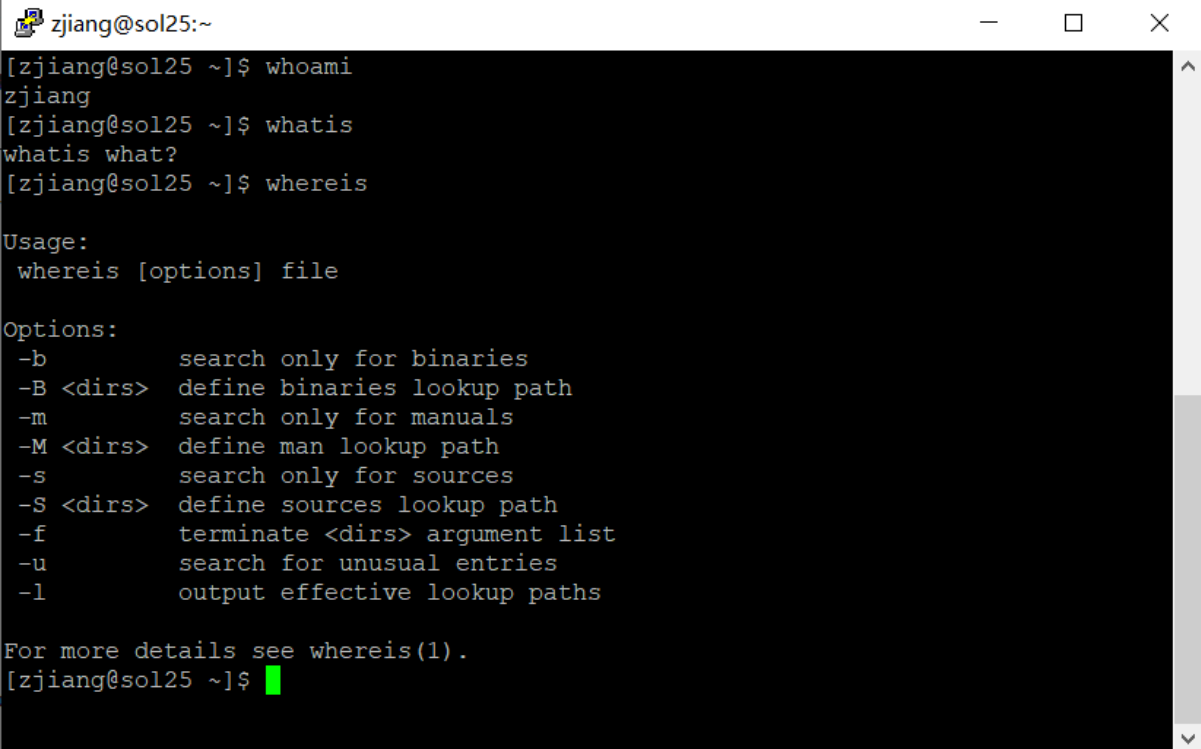
The same terminal window as before, but the screen has been cleared using the 'clear' command. Only the prompt '[zjiang@sol25 ~]\$' and a green cursor are visible at the top of the terminal area.

```
zjiang@sol25:~  
[zjiang@sol25 ~]$
```

**whoami:** returns the user name of the owner of the current login session.

**whatis:** provides very brief descriptions of command-line programs and other topics related to Unix-like operating systems.

**whereis:** locates the binary, source code, and man page for any specified program.

A terminal window titled 'zjiang@sol25:~' with standard window controls. The terminal shows the following commands and output:

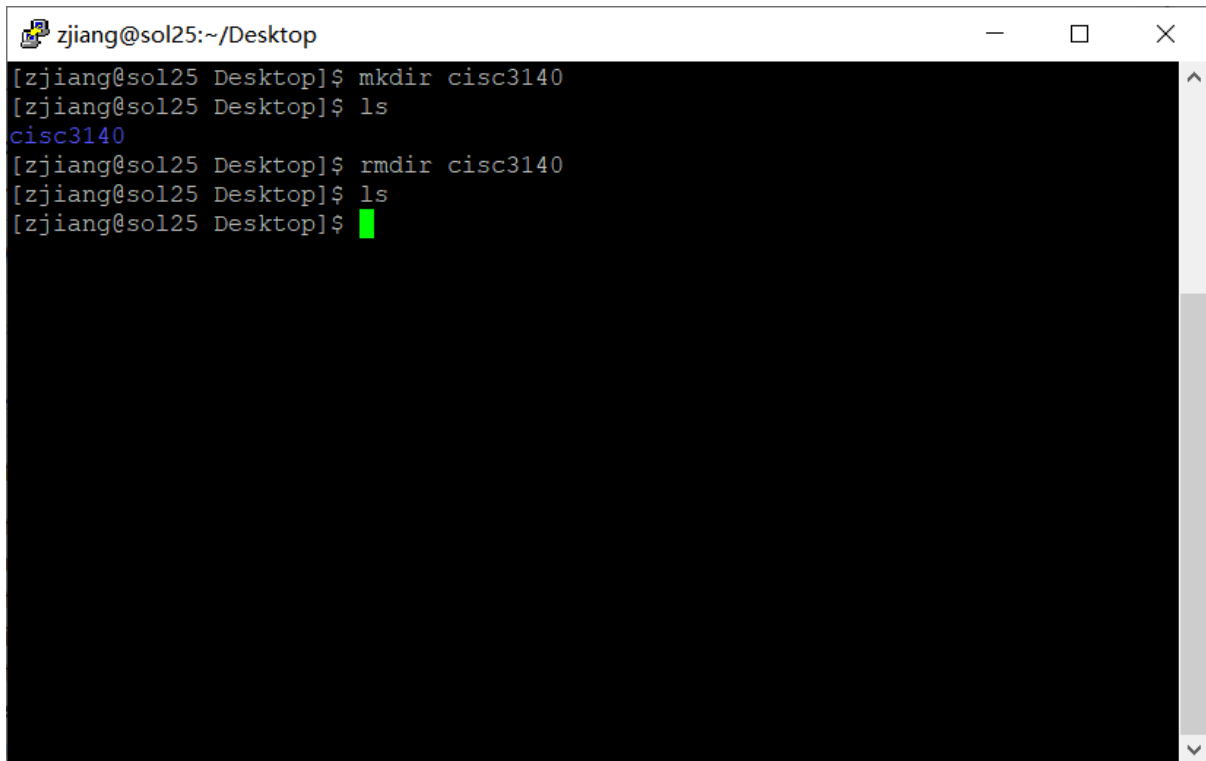
```
[zjiang@sol25 ~]$ whoami
zjiang
[zjiang@sol25 ~]$ whatis
what is what?
[zjiang@sol25 ~]$ whereis

Usage:
  whereis [options] file

Options:
  -b          search only for binaries
  -B <dirs>   define binaries lookup path
  -m          search only for manuals
  -M <dirs>   define man lookup path
  -s          search only for sources
  -S <dirs>   define sources lookup path
  -f          terminate <dirs> argument list
  -u          search for unusual entries
  -l          output effective lookup paths

For more details see whereis(1).
[zjiang@sol25 ~]$
```

I used mkdir to make a directory called cisc3140 and used rmdir to remove the cisc3140 directory

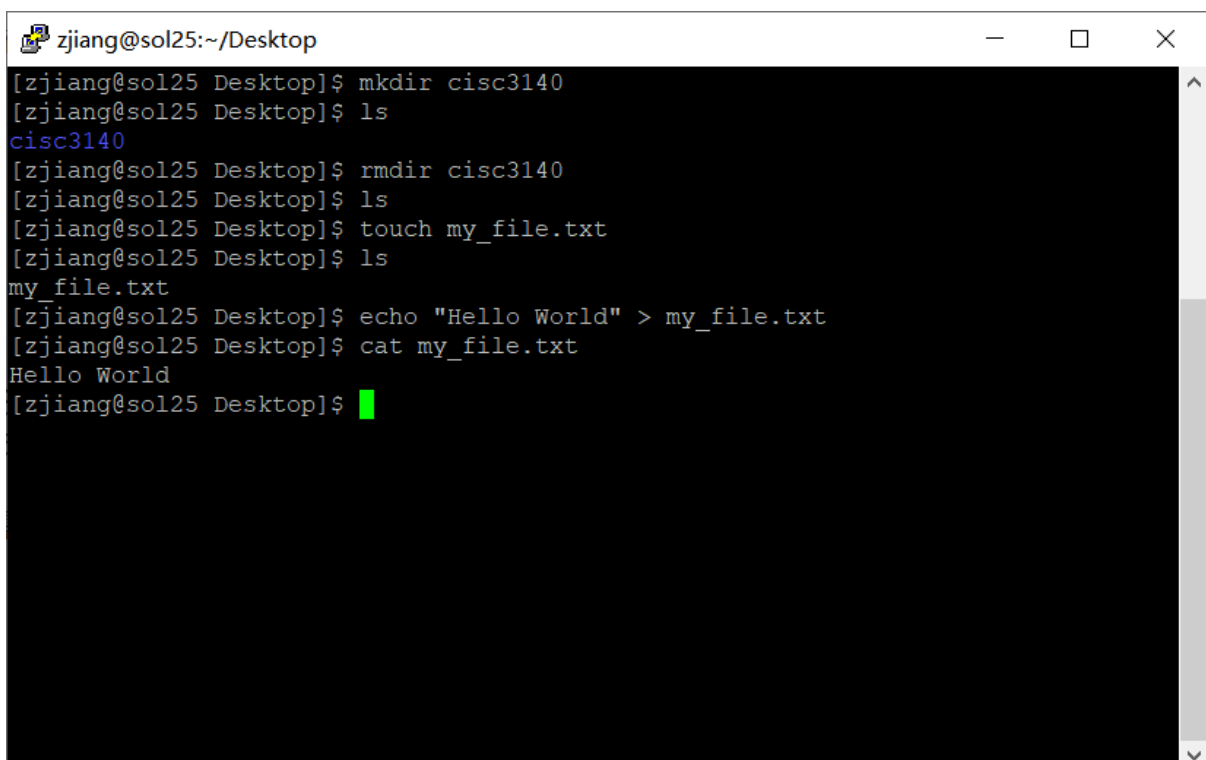
A terminal window titled 'zjiang@sol25:~/Desktop' with standard window controls. The terminal shows a sequence of commands: 'mkdir cisc3140', 'ls' (showing 'cisc3140'), 'rmdir cisc3140', and 'ls' (showing an empty directory). The prompt is green.

```
zjiang@sol25:~/Desktop
[zjiang@sol25 Desktop]$ mkdir cisc3140
[zjiang@sol25 Desktop]$ ls
cisc3140
[zjiang@sol25 Desktop]$ rmdir cisc3140
[zjiang@sol25 Desktop]$ ls
[zjiang@sol25 Desktop]$
```

Use the touch command to create a file

Use echo to write into the file

Use cat command to print the file

A terminal window titled 'zjiang@sol25:~/Desktop' with standard window controls. The terminal shows a sequence of commands: 'mkdir cisc3140', 'ls' (showing 'cisc3140'), 'rmdir cisc3140', 'ls' (empty), 'touch my\_file.txt', 'ls' (showing 'my\_file.txt'), 'echo "Hello World" > my\_file.txt', and 'cat my\_file.txt' (outputting 'Hello World'). The prompt is green.

```
zjiang@sol25:~/Desktop
[zjiang@sol25 Desktop]$ mkdir cisc3140
[zjiang@sol25 Desktop]$ ls
cisc3140
[zjiang@sol25 Desktop]$ rmdir cisc3140
[zjiang@sol25 Desktop]$ ls
[zjiang@sol25 Desktop]$ touch my_file.txt
[zjiang@sol25 Desktop]$ ls
my_file.txt
[zjiang@sol25 Desktop]$ echo "Hello World" > my_file.txt
[zjiang@sol25 Desktop]$ cat my_file.txt
Hello World
[zjiang@sol25 Desktop]$
```