

1. First I need to connect to anyconnect and then use the command : [ssh533158@eustis.eecs.ucf.edu](ssh:ssh533158@eustis.eecs.ucf.edu) in terminal to connect to the Eustis.

```
Last login: Mon Feb 14 03:01:19 on ttys000
sr533158@eustis.eecs.ucf.edu ~ % ssh sr533158@eustis.eecs.ucf.edu

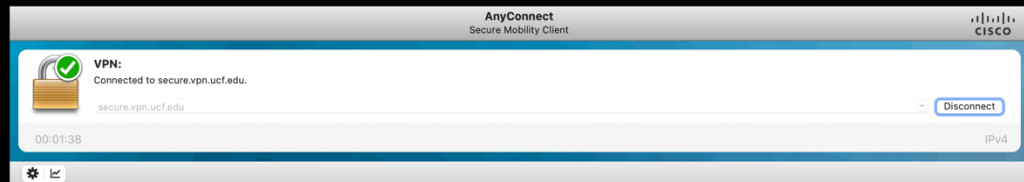
Welcome to eustis.eecs.ucf.edu.

Please use your NID and NID password to log in.
Your NID should be 2 letters followed by 6 digits.

See http://t.cs.ucf.edu/help/eustis for additional instructions.

sr533158@eustis.eecs.ucf.edu's password:
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-96-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Local docs:    http://t.cs.ucf.edu/help/eustis
Last login: Mon Feb 14 03:01:48 2022 from 172.31.8.19
sr533158@net1547:~$
```



2. Then I will use the command “telnet longwood.cs.ucf.edu 25” to connect to that ucf server. Here the port number for telnet is 25.

```
Last login: Mon Feb 14 03:01:19 on ttys000
srjadasgupta@srija-Air ~ % ssh sr533158@eustis.eecs.ucf.edu

Welcome to eustis.eecs.ucf.edu.

Please use your NID and NID password to log in.
Your NID should be 2 letters followed by 6 digits.

See http://t.cs.ucf.edu/help/eustis for additional instructions.

sr533158@eustis.eecs.ucf.edu's password:
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-96-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Local docs:    http://t.cs.ucf.edu/help/eustis
Last login: Mon Feb 14 03:01:48 2022 from 172.31.8.19
sr533158@net1647:~$ telnet longwood.cs.ucf.edu 25
Trying 10.173.204.10...
Connected to longwood.cs.ucf.edu.
Escape character is '^]'.
220 longwood.cs.ucf.edu ESMTP Sendmail 8.15.2+Sun/8.15.2; Wed, 23 Feb 2022 20:59:43 -0500 (EST)
```

3. After connecting to ucf server using telnet, the first command helo takes the domain name i.e. **helo srija.srija**. Mail from: takes the real email id and mail to: takes the real recipient id. After which in the **data from;**, **to;** and **subject;** commands are the email id's which recipient is going to see in the gmail UI. the next two lines are the messages in the email received by the recipient.

```
Last login: Mon Feb 14 03:01:19 on ttys000
srijadasgupta@srijas-Air ~ % ssh sr533158@eustis.eecs.ucf.edu

Welcome to eustis.eecs.ucf.edu.

Please use your NID and NID password to log in.
Your NID should be 2 letters followed by 6 digits.

See http://t.cs.ucf.edu/help/eustis for additional instructions.

sr533158@eustis.eecs.ucf.edu's password:
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-96-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Local docs:    http://t.cs.ucf.edu/help/eustis
Last login: Mon Feb 14 03:01:48 2022 from 172.31.8.19
sr533158@net1547:~$ telnet longwood.cs.ucf.edu 25
Trying 10.173.204.10...
Connected to longwood.cs.ucf.edu.
Escape character is '^]'.
220 longwood.cs.ucf.edu ESMTP Sendmail 8.15.2+Sun/8.15.2; Wed, 23 Feb 2022 20:59:43 -0500 (EST)
helo srija.srija
250 longwood.cs.ucf.edu Hello [10.173.204.63], pleased to meet you

500 5.5.1 Command unrecognized: ""
mail from:srija@knights.ucf.edu
250 2.1.0 srija@knights.ucf.edu... Sender ok
rcpt to:ucf.cap6135@gmail.com
250 2.1.5 ucf.cap6135@gmail.com... Recipient ok
rcpt to:mamandasgupta@gmail.com
250 2.1.5 mamandasgupta@gmail.com... Recipient ok
data
354 Enter mail, end with "." on a line by itself
from: IT-support@bank.com
to:spam@CAP6135.course
subject:CAP6135: Srija Dasgupta
This email is solely for the assignment purpose
Thank you, have a good day.
.
250 2.0.0 2101xhJk001779 Message accepted for delivery
quit
221 2.0.0 longwood.cs.ucf.edu closing connection
Connection closed by foreign host.
sr533158@net1547:~$
```