Portland State
Computer Science

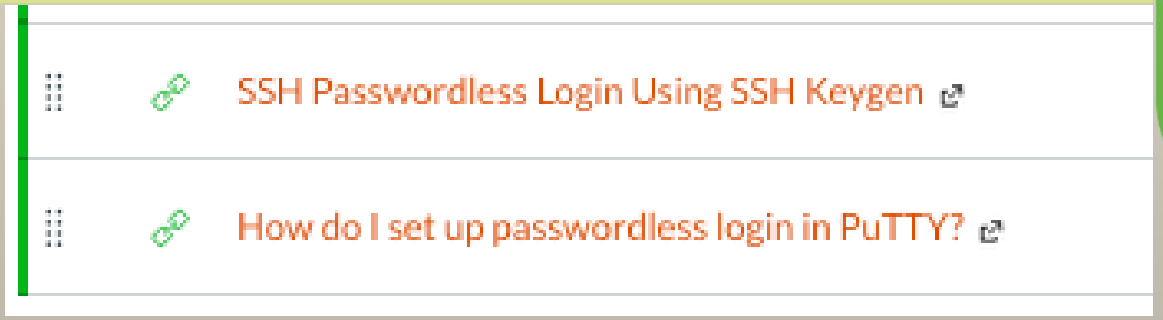
CS 333

Intro to Operating Systems
Logins

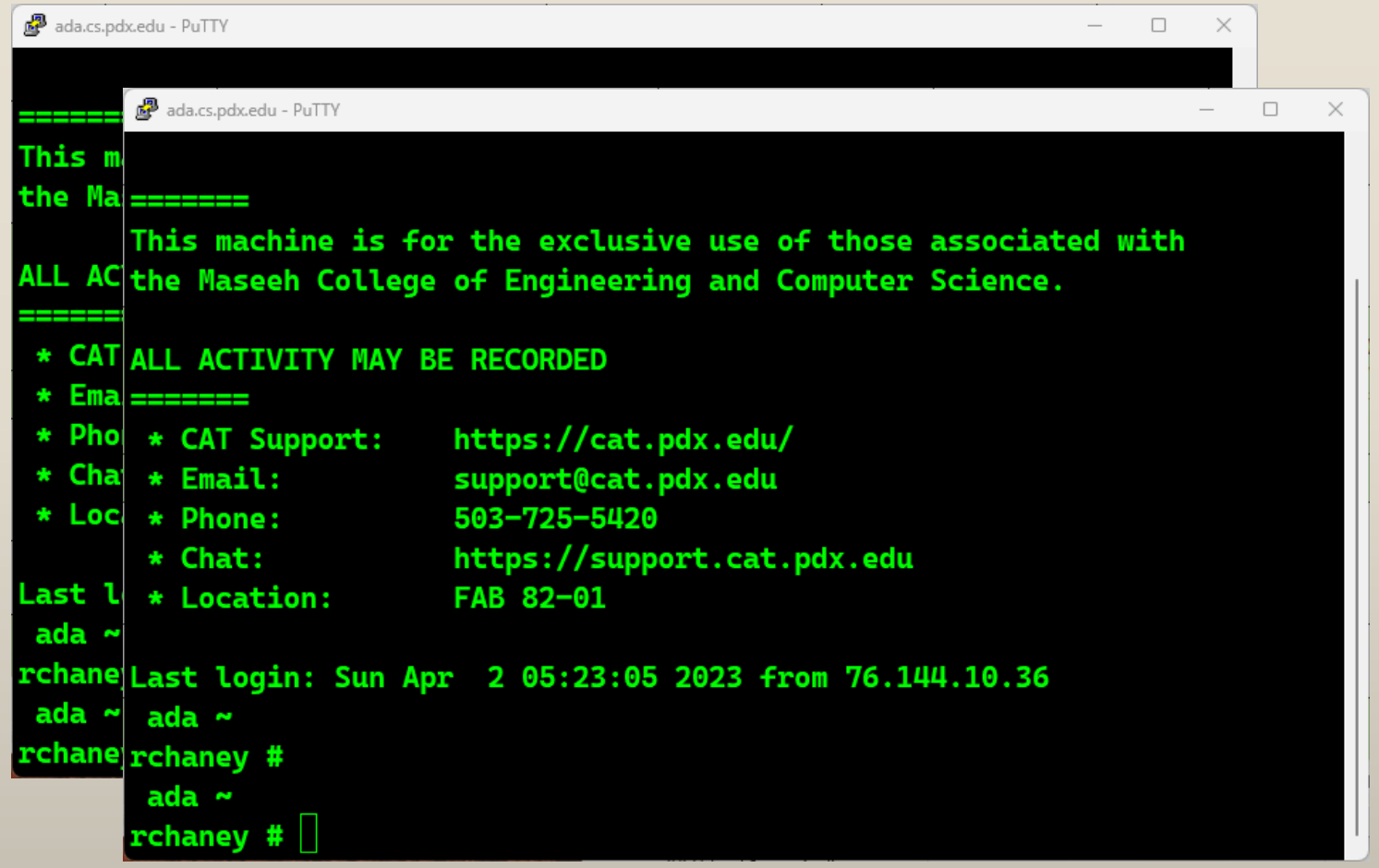
Logging in and Duo

Frequently logging in or using an FTP client (as you will do) in the world with **Duo** can be exasperating.

Do yourself (and those around you) a favor and setup passwordless login with ssh.
It will take you 20-30 minutes and save you 10 (maybe 100) times that through the term (to say nothing about the anguish).

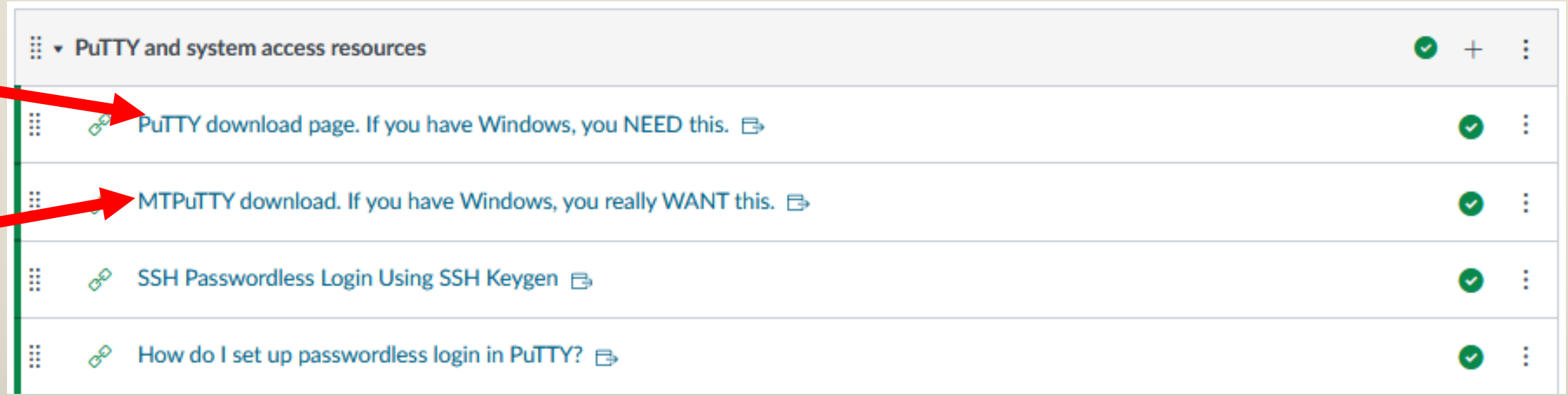


Class Server



You'll only get to use terminal login windows on our server.

PuTTY



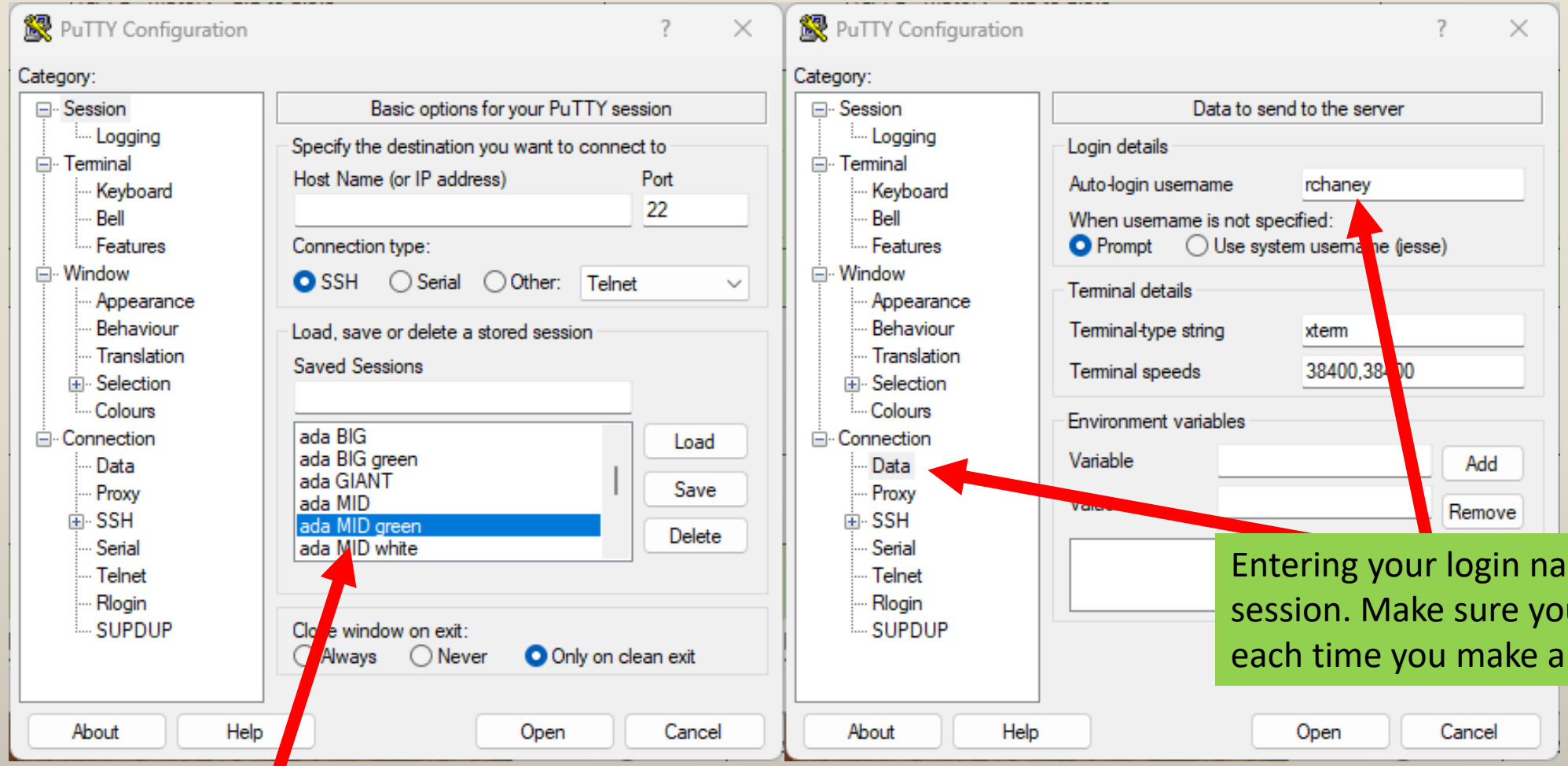
If you are a Windows user, you are going to want/need/crave these applications to make your life better.

I have placed links to the download sites in the **Basic Class Resources** section on Canvas.
https://www.putty.org/
http://ttyplus.com/multi-tabbed-putty/

Logging In

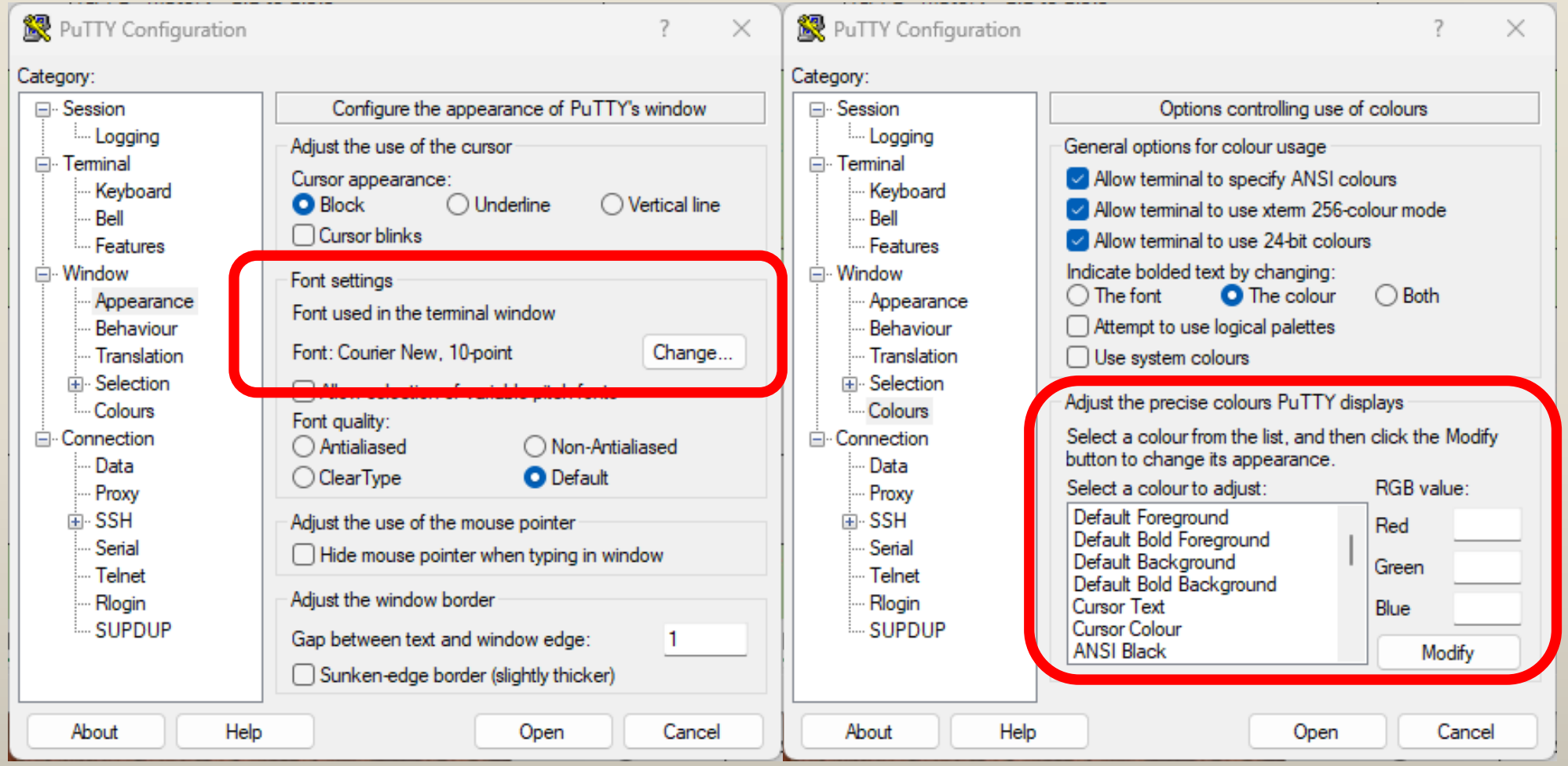
Everything in UNIX is **CaSe sEnSiTiVe.**

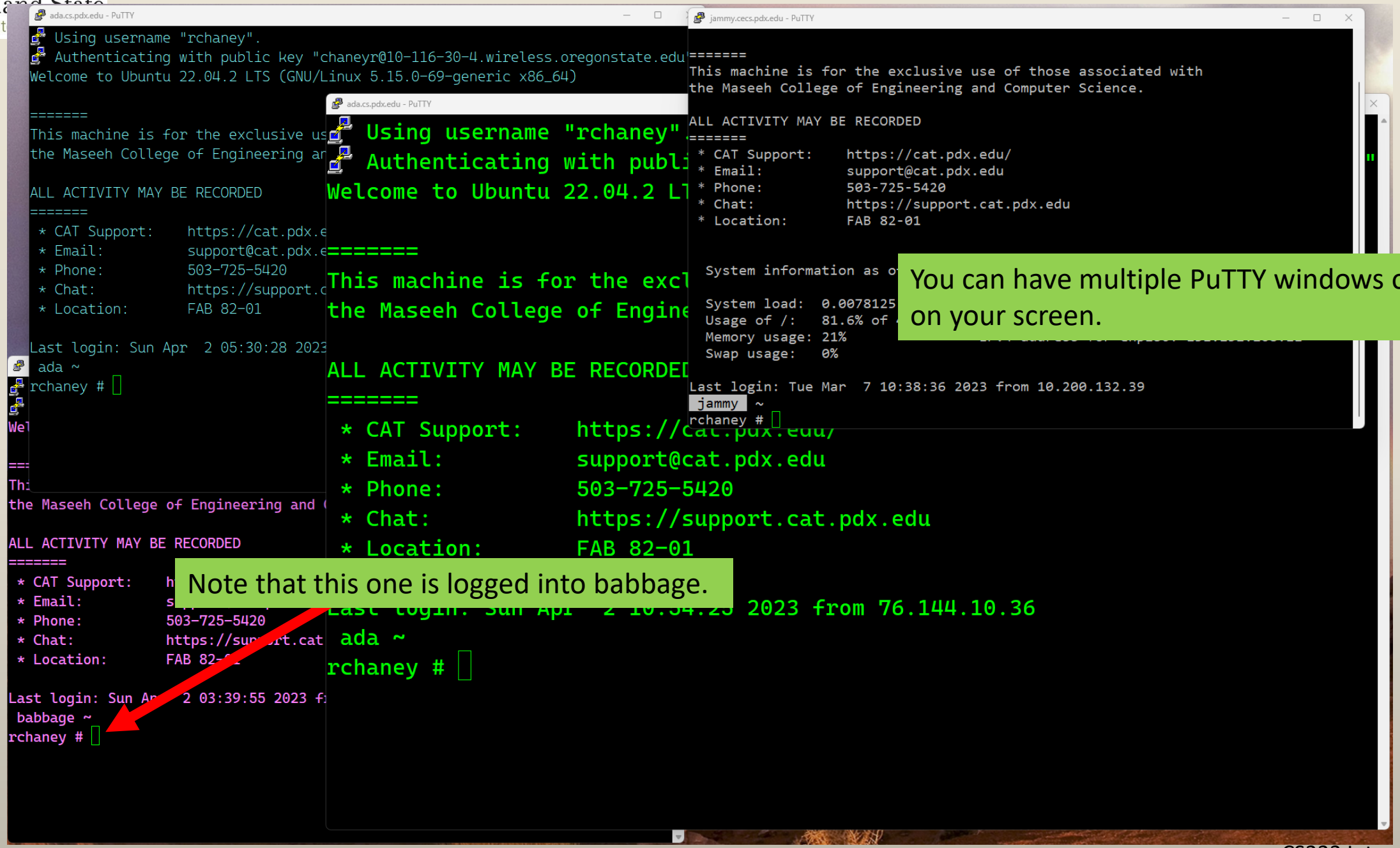
This includes user names, passwords, and commands.

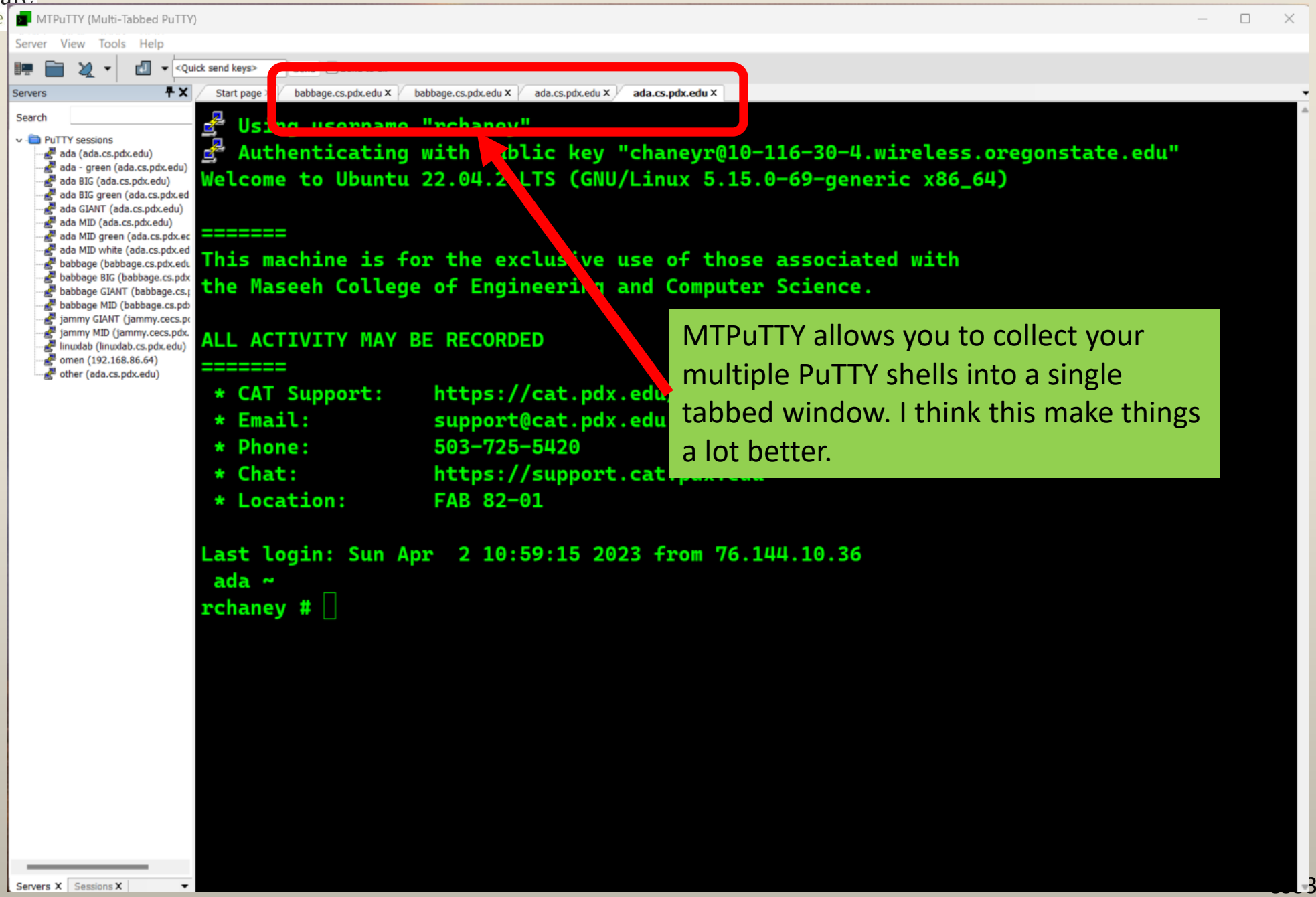


Entering your login name for a saved session. Make sure you save the session each time you make a change.

You can easily create a custom login by saving the configuration under a name.


PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
SSH
Serial
Telnet
Rlogin
SUPDUP
Configure the appearance of PuTTY's window
Adjust the use of the cursor
Cursor appearance:
Block
Underline
Vertical line
Cursor blinks
Font settings
Font used in the terminal window
Font: Courier New, 10-point
Change...
Font quality:
Antialiased
Non-Antialiased
ClearType
Default
Adjust the use of the mouse pointer
Hide mouse pointer when typing in window
Adjust the window border
Gap between text and window edge:
1
Sunken-edge border (slightly thicker)
About
Help
Open
Cancel
PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
SSH
Serial
Telnet
Rlogin
SUPDUP
Options controlling use of colours
General options for colour usage
Allow terminal to specify ANSI colours
Allow terminal to use xterm 256-colour mode
Allow terminal to use 24-bit colours
Indicate bolded text by changing:
The font
The colour
Both
Attempt to use logical palettes
Use system colours
Adjust the precise colours PuTTY displays
Select a colour from the list, and then click the Modify button to change its appearance.
Select a colour to adjust:
Default Foreground
Default Bold Foreground
Default Background
Default Bold Background
Cursor Text
Cursor Colour
ANSI Black
RGB value:
Red
Green
Blue
Modify
About
Help
Open
Cancel


ada.cs.pdx.edu - PuTTY
Using username "rchaney".
Authenticating with public key "chaneyr@10-116-30-4.wireless.oregonstate.edu"
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-69-generic x86_64)
=======
This machine is for the exclusive use of those associated with
the Maseeh College of Engineering and Computer Science.
ALL ACTIVITY MAY BE RECORDED
=======
* CAT Support: https://cat.pdx.edu/
* Email: support@cat.pdx.edu
* Phone: 503-725-5420
* Chat: https://support.cat.pdx.edu
* Location: FAB 82-01
Last login: Sun Apr 2 05:30:28 2023
ada ~
rchaney #
jammy.cecs.pdx.edu - PuTTY
System information as of
System load: 0.0078125
Usage of /: 81.6% of
Memory usage: 21%
Swap usage: 0%
Last login: Tue Mar 7 10:38:36 2023 from 10.200.132.39
jammy ~
rchaney #
babbage ~
Last login: Sun Apr 2 03:39:55 2023
Note that this one is logged into babbage.
You can have multiple PuTTY windows open on your screen.



MTPuTTY allows you to collect your multiple PuTTY shells into a single tabbed window. I think this make things a lot better.