Course server; intro Linux and vim; classwork submission setup

Course server

blah

We will write our programs on the course server, a Linux computer
that we access remotely from our own computers. Its hostname is
`csci112.cs.montana.edu`. To access it, we can open up a
terminal (on Mac or Linux) or Cygwin (on Windows) and run the
`ssh` (secure shell) command to log in using our netid, like so:
`ssh <netid>@csci112.cs.montana.edu`
Note that whenever you see something in angle brackets (< and >),
it means you should replace whatever's in them *and* them with
something else. (In this case, your netid).

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The first time you log in to the server, you will see a message like
this:
`The authenticity of host 'csci112.cs.montana.edu (153.90.12`
`ECDSA key fingerprint is SHA256:HtAKyENKuEBa6mILkLwhMdqqUBw`
`Are you sure you want to continue connecting (yes/no/[finge`
You should type yes and press enter.
When you're prompted to enter your password. nothing will show

Using the Linux shell

On the server, we can't run programs using their own graphical user interfaces (GUIs) like we might on our own computers. Instead, we interact with the computer using a shell. Technically, a shell is a program that interacts with the operating system and a terminal is the GUI that allows you to run the shell, but in this course we will use the two words interchangeably.

You use the shell using the shell prompt, which looks something like this:

```
[username@csci112 ~]$
```

Here are a number of important commands (or equivalently, programs) that you'll want to be familiar with. After the command name, we can enter arguments separated by spaces, just like you enter arguments to a function when you are programming.

- ▶ `pwd`, print working (current) directory
- ▶ `ls`, list contents of current directory
- ▶ `cd <directory>`, change directory to the given path