

## X Windows

If you can make X-Windows work on your system, then I suggest you have your system set up to allow X-Windows. Windows users may need to run something like Xming or CYGWIN in order to get a server. If you are doing ssh from the command line then you will probably need to start ssh with `ssh -X` so that you can run X. If you are on Putty or Bitvise you will need to enable X-11 tunneling through ssh.

### 10.005 Hosts

1. What is the purpose of the `hosts` file?
2. What is the path to the hosts file on the computer system you are using?

### Unit 10\_010.005 – sshKeyExchange

For some reason the screen was not capturing properly.

The critical things are to recognize that ssh generates a private key and a public key. We generate a key pair and upload the `.pub` file to the remote system. I will demonstrate this in class, or at least attempt to.

### Unit 10\_010.01 – Bash Variables

3. Write the code needed to set up a Bash variable called `NUMBER` and then echo print it to the console.
4. What does the `env` command do?

I used *Command Substitution* in the statement where I set `$ENV_SIZE`. You might want to go back and review that material if you do not remember it.

5. What is stored in `$PS1`?
6. What command would save the current contents of the `$USER` variable if you wanted to mess around with it? (In the video I saved the old value of `$PS1`.)

## Unit 10\_010.010 – Part B Variables and Scripts

7. What command would make a file called `count` executable?
8. Why do methods need to export variables they create or change? It is fair to say that unix parents are selfish with respect to their children?

## Unit 10\_010.015 – Promptly

9. Write the prompt needed to create a prompt that includes the current time in 12-hour format followed by the current working directory and the dollar sign (\$).
10. What is `.bashrc` ?
11. How do you set a custom prompt so that it is preserved between logins?

## Unit 10\_010.020 – Jennifer Gardener's favorite part of Unix

12. What is one alias in effect when you are on woz?

Again, it is not showing all the screen action. Sorry about that. But I think you can probably simulate what I am doing.

13. Why is it a good idea to use the `which` command before you create an alias?
14. What is the difference between `.profile` and `.bashrc`?
15. What command gets rid of an alias?