

Part I

- 20. Default permissions- owner read and write, group read, public read
- 21. Text vs Binary file transfer modes- binary transfers in binary, Text transfers in ASCII, text transfer will differ between Unix and windows in appearance, where as binary transfer will not. It seems to be auto detected by my client.

Part II

- 1. java -showversion
java version "1.7.0_51"
- 2. uname -a
Linux nike.cs.uga.edu 2.6.32-358.18.1.el6.x86_64 #1 SMP Fri Aug 2 17:04:38 EDT 2013 x86_64 x86_64 x86_64 GNU/Linux
- 3. I would press control and spacebar to begin highlighting text. Then I would scroll across the screen using the arrow keys to highlight text I want to copy. Once I have highlighted all of the text I want to copy, I would press escape and w to copy the text. I would then use the arrow keys to scroll to where I want to paste. To paste, I would press control and y.
- 4. It is a temporary backup file created when editing a file in emacs
- 5. while in insert mode, press escape. Then : then set auto indent
- 6. *COMMAND > FILE* redirects output of the command, *COMMAND* to a file named *FILE*. It will erase any previous content in the file
COMMAND >> FILE Appends the output of the command, *COMMAND* to the file, *FILE*. It adds the output without deleting preciously contained content.
- 7. a.txt will only contain output. b.txt will contain output and errors
- 8. chmod g+rx Hello chmod g=rx Hello chmod 70
- 9. The java class file, it contains Java bytecode
- 10. * matches 0 or more characters. He* will match any file beginning with He
- 11. Xms allocates the initial amount of memory. Xmx allocates the maximum amount of memory. If the Xms amount is not enough, and there is an infinite loop, too much memory will be used, maxing out at the amount set with the xmx command.
- 12. it will list all files in the directory that are named with a character string that appears in the Hello file
- 13. ls -l *.txt
- 14. they are used to tell where to look to compile java files
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I use Filezilla to transfer files, it is an SFTP client
- 16. telnet and FTP send all information as cleartext. SFTP and SSH send the information in an encrypted form. Information sent over FTP and telnet is not secure, allowing for passwords and other information to be read more readily.
- 17. the | command redirects output of one command as input to another command
I would use it to chain commands. For example, I could count the number of words output from one command by piping it to the word count command.