

Programming Homework 0
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Summer 2003

Learn to use unix and Java on columbia's cunix account for beginners.

- 1) Log into your cunix account, NOTE: for remote connections, although most people will telnet to cunix.cc.columbia.edu . This is a bad idea! telnet moves information in clear-text. (why is that bad??). In general when connecting from a remote site, use ssh. On linux/unix you can just type ssh -l yourname cunix.cc.columbia.edu . (that is a lower case L).
 - a. lookup commands using:
> man command_name
example:
> man tar
> man
- 2) create a directory for the class to do work (optional)
 - a. > mkdir 3137
 - b. > cd 3137
- 3) check how much space you have in the account
 - a. > quota -v
- 4) learn about the emacs editor
 - a. > info emacs
- 5) Random commands to know (try them yourself):
 - a. pwd
 - b. whoami
 - c. tar (also lookup how to use it)

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- 1) Download the code from
<http://www.cs.fiu.edu/~weiss/dsaajava/code/CodeUnix.tar.gz>
 - 2) Unpack the code
> tar xzf CodeUnix.tar.gz
 - 3) list it:
> ls -la
 - 4) check our version of java
> java -version
 - 5) Lets try something:
 - 6) Go into misc folder
> cd Miscellaneous
 - 7) compile ComparatorTest.java
> javac ComparatorTest.java

- 8) Run it:
 - > java ComparatorTest
- 9) Open the code in your favorite editor
 - > emacs Comparator.java
- 10) Look through it and understand it.