

NE 24 - Homework #1  
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**Shell Files and Directories: Challenge Questions**

1. If *pwd* displays */Users/thing*, what will *ls ../backup* display?

Answer: *../backup*: No such file or directory

2. For a hypothetical filesystem location of */home/amanda/data/*, select each of the below commands that Amanda could use to navigate to her home directory, which is */home/amanda*

Answer: *cd ~ or cd .. or cd*

3. If *pwd* displays */Users/backup*, and *-r* tells *ls* to display things in reverse order, what command will display:  
*pnas-sub/ pnas-finals/ original/*

Answer: *ls -r -F /Users/backup*

4. What does the command *cd* without a directory name do?

Answer: It changes the working directory to the user's home directory.

5. What does the command *ls* do when used with the *-s* and *-h* arguments?

Answer: When *s* is used with *ls*, it shows the sizes of the files in blocks and when *h* is used with *ls*, it does nothing different than a normal *ls*.

**Creating Things: Challenge Questions**

**Pipes and Filters: Challenge Questions**