just reminding you about the situation i am in professor thank you

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week report 6

Wildcards

* wildcard

the * wildcard matches from 0 to any number of characters

- examples:
  - list all the text files in a directory
    - `ls *.txt`
  - list all the files that start with the word file
    - `ls file*`
  - copy all the mp4 files
    - `cp Downloads/*.mp4 ~/Videos/Movies/`

? wildcard

the ? wildcard matches precisely one character

- examples:
  - list all hidden files
    - `ls .??*`
  - list all files that have 2 characters between b and k
    - `ls b??k*`
  - list all files that have a 3 letter file extension
    - `ls *.???`

[] wildcard

the [] wildcard matches a single character in a range can also use the exclamation mark to reverse the match

- examples:
  - match all files that have a vowel after the letter f
    - `ls f[aeiou]*`
  - match all the files whose name has at least one number
    - `ls * [0-9] *`
  - match all files that do not have a vowel after the letter f
    - `ls f[!aeiou]*`

brace expansion

allows you to generate arbitrary strings to use with commands

- examples:
    - create a whole directory structure in one command
        - `mkdir -p music/{jazz,rock}/{mp3files,videos,oggfiles}/new{1..3}`
    - create an N number of files
        - `touch file (A..Z).txt`
    - remove multiple files in a single directory
        - `rm -r {dir1,dir2,dir3,file.txt,file.py}`