Week Report 6

Wildcards.

* Wildcard

The * is sued to match any number of characters.

- ls *.txt will match files that end in .txt
- ls *.pdf will match files end in pdf
- ls *file. will match the file that have the word "file" in it

? Wildcard

The ? will look for the amount of characters. like *.?? will give you any file extension with two characters

- ls .,.??* will list all the hidden files in working directory
- ls b??k* Lists all the files that have two characters between letter b and k
- ls f?l* will return a files with a single character between f and l

[] Wildcard

The [] will match a single character in a range

- ls f[aeiou]* will search for files with a vowel after the f
- ls f[a!eiou]* will search for files WITHOUT a vowel after the f
- ls f[a-z]* will search for every letter after f
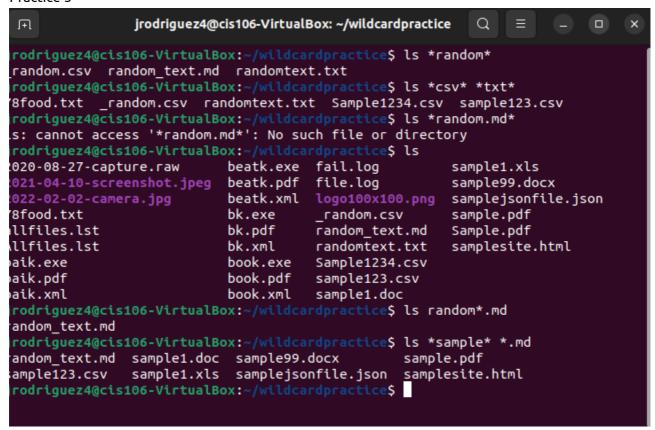
Brace Expansion

not a wildcard but a feature of bash that lets you make strings to use with commands

- mkdir -p music/{jazz,rock}/{mp3files,videos,oggfiles}/new will create two directories each having three directories with the same name and the "new" directory inside of those.
- touch website{1..5}.html will create a webstie.html file with number 1 - 5 at the end
- touch files{A-Z}.txt will create a file for each letter of the alphabet starting with files
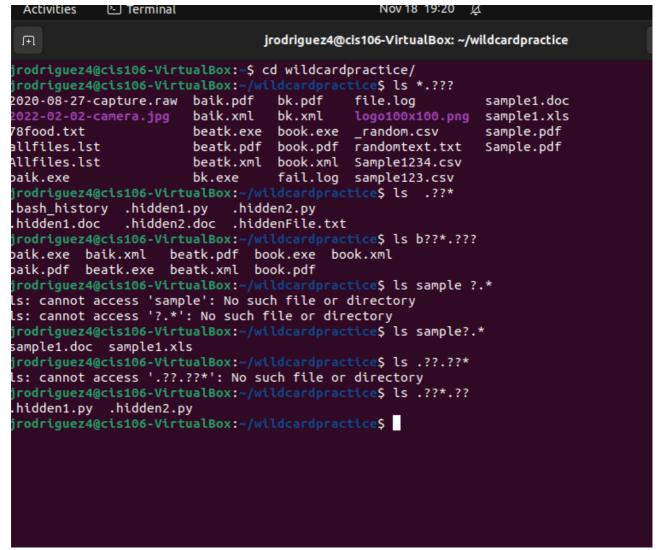
Practice

- Practice 5

- Practice 6

- Practice 7

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jrodriguez4@cis106-VirtualBox:~/wildcardpractice$ ls [a-z]*.???
allfiles.lst  baik.xml   beatk.xml  bk.xml     book.xml  logo100x100.png  sample1.doc
baik.exe      beatk.exe  bk.exe     book.exe   fail.log  randomtext.txt   sample1.xls
baik.pdf      beatk.pdf  bk.pdf     book.pdf   file.log  sample123.csv    sample.pdf
jrodriguez4@cis106-VirtualBox:~/wildcardpractice$ ls [A-Z]*[0-9]*
Sample1234.csv
jrodriguez4@cis106-VirtualBox:~/wildcardpractice$ ls [0-9][0-9]90-9][0-9]*
ls: cannot access '[0-9][0-9]90-9][0-9]*': No such file or directory
jrodriguez4@cis106-VirtualBox:~/wildcardpractice$ ls [0-9][0-9][0-9][0-9]*
2020-08-27-capture.raw   2021-04-10-screenshot.jpeg  2022-02-02-camera.jpg
jrodriguez4@cis106-VirtualBox:~/wildcardpractice$ ls [!AEIOUaeio]*
2020-08-27-capture.raw       baik.xml   bk.xml    logo100x100.png  sample1.doc          samplesite.html
2021-04-10-screenshot.jpeg   beatk.exe  book.exe  _random.csv      sample1.xls
2022-02-02-camera.jpg        beatk.pdf  book.pdf  random_text.md   sample99.docx
78food.txt                   beatk.xml  book.xml  randomtext.txt   samplejsonfile.json
baik.exe                     bk.exe     fail.log  Sample1234.csv   sample.pdf
baik.pdf                     bk.pdf     file.log  sample123.csv    Sample.pdf
jrodriguez4@cis106-VirtualBox:~/wildcardpractice$ ls [[:punct:]]*
_random.csv
jrodriguez4@cis106-VirtualBox:~/wildcardpractice$
```