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## Week Report 6

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Wildcards.

### Wildcard Examples

?	.???	*.???	A*.???
*	ABC	A_Z?	A_F
[]	[A-Z]	*[ABC][abc]	?[0-9]

\* Wildcard

```

justin28250@cis106: ~/wildcardpractice
justin28250@cis106:~$ curl -s https://cis106.com/assets/wildcardpractice.sh | bash
mkdir: cannot create directory '/home/justin28250/wildcardpractice/': File exists
--2023-12-16 09:24:09-- https://cis106.com/assets/logo100x100.png
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)|185.199.108.153|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3520 (3.4K) [image/png]
Saving to: 'logo100x100.png.1'

logo100x100.png.1  100%[=====>]  3.44K  ---KB/s   in 0s

2023-12-16 09:24:09 (8.26 MB/s) - 'logo100x100.png.1' saved [3520/3520]

justin28250@cis106:~$ ls wildcardpractice/*random*
wildcardpractice/_random.csv  wildcardpractice/randomtext.txt
wildcardpractice/random_text.md
justin28250@cis106:~$ ls wildcardpractice/*.txt
wildcardpractice/78food.txt  wildcardpractice/randomtext.txt
justin28250@cis106:~$ cd wildcardpractice/
justin28250@cis106:~/wildcardpractice$ ls random*.md
random_text.md
justin28250@cis106:~/wildcardpractice$ ls *sample* *.md
random_text.md  sample1.doc.1  sample99.docx  sample.pdf.1
sample123.csv  sample1.xls  samplejsonfile.json  samplesite.html
sample1.doc  sample1.xls.1  sample.pdf
justin28250@cis106:~/wildcardpractice$

```

? Wildcard

```

justin28250@cis106: ~/wildcardpractice
Allfiles.lst      beatk.xml  book.xml  Sample1234.csv
baik.exe          bk.exe    fail.log  sample123.csv
justin28250@cis106:~/wildcardpractice$ ls .??*
.bash_history .hidden1.py .hidden2.py
.hidden1.doc .hidden2.doc .hiddenFile.txt
justin28250@cis106:~/wildcardpractice$ ls b??*.???
baik.exe baik.xml beatk.pdf book.exe book.xml
baik.pdf beatk.exe beatk.xml book.pdf
justin28250@cis106:~/wildcardpractice$ ls sample?. *
ls: cannot access 'sample?.': No such file or directory
2020-08-27-capture.raw      bk.pdf      sample123.csv
2021-04-10-screenshot.jpeg  bk.xml      sample1.doc
2022-02-02-camera.jpg      book.exe    sample1.doc.1
78food.txt                 book.pdf    sample1.xls
allfiles.lst               book.xml    sample1.xls.1
Allfiles.lst               fail.log    sample99.docx
baik.exe                   file.log    samplejsonfile.json
baik.pdf                   logo100x100.png sample.pdf
baik.xml                   logo100x100.png.1 Sample.pdf
beatk.exe                  _random.csv sample.pdf.1
beatk.pdf                  random_text.md samplesite.html
beatk.xml                  randomtext.txt
bk.exe                      Sample1234.csv
justin28250@cis106:~/wildcardpractice$ lab .??*.???

```

## [ ] Wildcard

```

justin28250@cis106: ~/wildcardpractice
justin28250@cis106:~/wildcardpractice$ ls [a-z]*.???
allfiles.lst beatk.exe bk.pdf book.xml randomtext.txt sample.pdf
baik.exe beatk.pdf bk.xml fail.log sample123.csv
baik.pdf beatk.xml book.exe file.log sample1.doc
baik.xml bk.exe book.pdf logo100x100.png sample1.xls
justin28250@cis106:~/wildcardpractice$ ls [A-Z]*[0-9]*
2020-08-27-capture.raw 2022-02-02-camera.jpg Allfiles.lst Sample.pdf
2021-04-10-screenshot.jpeg 78food.txt Sample1234.csv
justin28250@cis106:~/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
justin28250@cis106:~/wildcardpractice$ ls [!AEIOUaeiou]*
2020-08-27-capture.raw beatk.xml logo100x100.png sample1.xls
2021-04-10-screenshot.jpeg bk.exe logo100x100.png.1 sample1.xls.1
2022-02-02-camera.jpg bk.pdf _random.csv sample99.docx
78food.txt bk.xml random_text.md samplejsonfile.json
baik.exe book.exe randomtext.txt sample.pdf
baik.pdf book.pdf Sample1234.csv Sample.pdf
baik.xml book.xml sample123.csv sample.pdf.1
beatk.exe fail.log sample1.doc samplesite.html
beatk.pdf file.log sample1.doc.1
justin28250@cis106:~/wildcardpractice$ ls [[:punct:]]*
_random.csv
justin28250@cis106:~/wildcardpractice$

```

## Brace Expansion

# Practice