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Week Report 6

Wildcard

* Wildcard

The * wildcard will matches any character or number after the asterisk. Mostly use to find files and directories with a condition. **Examples:**

- 1s -a *.txt To list all the text files in a directory
- 1s -a f*.txt-To list all the text files starting with letter f
- mv ~/Documents/*.mp3 ~/Downloads/Music To move all the mp3 files in the documents folder to the Music folder inside Downloads

? Wildcard

The? wildcard will matches a single character or number that can go with the condition asked between numbers and letters. **Examples:**

- 1s dir?.txt To list all the text files staring with dir and match anything after that.
- 1s music.??? To list all the files with the name *music* with any extension that includes 3 characters or digits.
- rm sample.??? To remove all the files with the name *sample* with any extension that includes 3 characters or digits.

■ Wildcard

The [] wildcard will match a set of characters or number of the files we are looking for. **Examples:**

- 1s file[0-9]*-To list all the files with the name *file* and any number after.
- 1s f[a-z]n*.txt To list all the text files starting with f following by any lowercase letter and letter n.
- cp $\log[0-9][1].\log$ To copy all the log files containing a number between 0-9 first and 1 after.

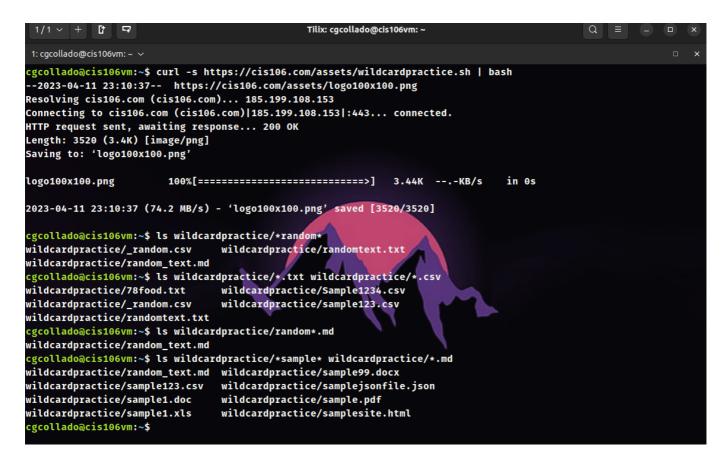
Brace Expansion

The {} brace expansion is use to generate multiple directories and files at the same time as well as creating multiple files with a set of conditions and to remove files with specific conditions. **Examples:**

- mkdir ~/music/{mp3, mp4}/{track, samples} This command will create a directory named music inside will create mp3 and mp4 and inside this two will also create track and samples
- touch website {1..10}.html This command will create 10 html files named website with each designated number after website.
- rm website {1..10}.html This command will remove all the html files named website that have a number from 1 to 10.

Practice 1

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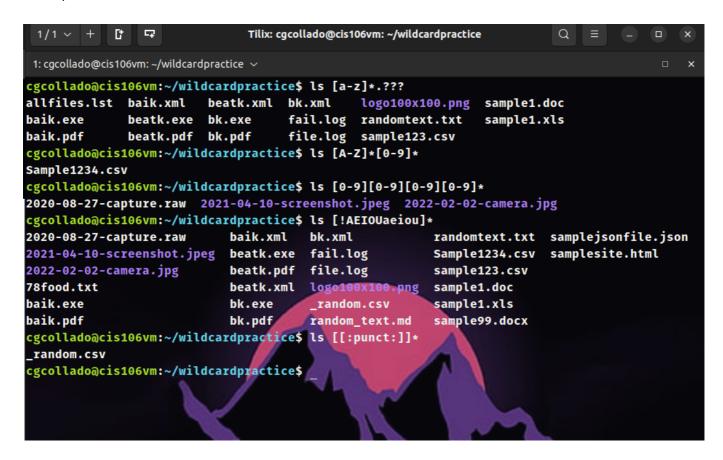


Practice 2

```
Tilix: cgcollado@cis106vm: ~/wildcardpractice
 1/1 ~ | + |
            D†
                귝
 1: cgcollado@cis106vm: ~/wildcardpractice ~
cgcollado@cis106vm:~/wildcardpractice$ ls *.???
2020-08-27-capture.raw Allfiles.lst
                                       beatk.exe
                                                  bk.pdf
                                                             logo100x100.png
                                                                               sample123.csv
2022-02-02-camera.jpg
                         baik.exe
                                       beatk.pdf
                                                   bk.xml
                                                             random.csv
                                                                               sample1.doc
78food.txt
                         baik.pdf
                                       beatk.xml
                                                   fail.log
                                                             randomtext.txt
                                                                               sample1.xls
allfiles.lst
                         baik.xml
                                                   file.log
                                       bk.exe
                                                             Sample1234.csv
cgcollado@cis106vm:~/wildcardpractice$ ls .??*
.bash_history .hidden1.doc .hidden1.py .hidden2.doc
                                                          .hidden2.py
                                                                        .hiddenFile.txt
cgcollado@cis106vm:~/wildcardpractice$ ls b??*.???
baik.exe baik.pdf baik.xml beatk.exe beatk.pdf beatk.xml
cgcollado@cis106vm:~/wildcardpractice$ ls sample?.*
sample1.doc sample1.xls
cgcollado@cis106vm:~/wildcardpractice$ ls .??*.??
.hidden1.py .hidden2.py
cgcollado@cis106vm:~/wildcardpractice$
```

Practice 3

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Practice 4

