week6.md 4/10/2022

Weekly Report:

willcard

WILDCAPDS/EILE	GLOBBING CHEAT SHEET	Wildcard		Example
WILDCARDS/I ILL	GLODDING CHEAT SHEET	*	0 or multiple charact	ers ls *.pdf
The * Wildcard	The ? Wildcard	?	1 character	ls program?.py
List all txt and python files	Copy all the files that have 2 characters between 2 letters.	[] 1 character from a given s characters [!] The opposite of the given		set of ls document[A-Z].doc
ls -A *.txt *.py	cp Downloads/b??k.pdf Documents/			en set ls new-doc[!0-9].docx
List all the files that have 'demo' in the name	List all the files with a 2 letter file extension	[:] The opposite of the given set Is hem-doc[:0-7].docx		
ls -A *demo*	ls -A Scripts/*.?? Programs/program.?? Downloads/setup*.??	POSIX CHARACTER CLASSES		
Move all the files inside a directory	Remove all the hidden files in a given directory	POSIX class	Equivalent to	Matches
mv Pictures/* ~/Backup/	rm Documents/.??*.doc	[:alnum:]	[A-Za-z0-9]	Digits, uppercase and lowercase letters
Delete all files that start with a given word	List all the hidden files that have a 4 letter file extension	[:alpha:]	[A-Za-z]	Upper- and lowercase letters
rm Downloads/copy* Documents/new*.docx	ls -A .??*.????	[:ascii:]	[\x00-\x7F]	ASCII characters Space and TAB characters only
		[:cntrl:]	[\tell_\tell	Space and TAB characters only Control characters
The [] wildcard				
List all the text files that start with an uppercase letter and all the python files that start with a number		[:digit:]	[0-9]	Digits
ls -A [A-Z]*.txt [0-9]*.py		[:graph:]	[^ [:ontrl:]]	Characters which have graphic representation
List all the ruby files that do not start with a number.		[:lower:]	[a-z]	Lowercase letters
·		[:print:]	[[:graph:]]	Graphic characters and space
ls -A [!0-9]*.rb		[:punct:]	[-!"#\$%&'()*+,./:;<=>?0[]^_'{ }~]	Punctuation characters except letters and digits
List all the files that have ane of the characters in a set before the extension		[:space:]	[\t\n\r\f\v]	All whitespace characters
List *[xyz].*		[:upper:]	[A-Z]	Uppercase letters
List all files whose name begins with any 3 combination of numbers and the current user's username:		[:word:]	[A-Za-z0-9_]	Word characters
ls -A [0-9][0-9]\$USER*		[:xdigit:]	[0-9A-Fa-f]	Hexadecimal digits

Brace expansion and how to use it

- Brace expansions are useful techniques that help you do every command in short time since with a single command you can create modify and even delete a bunch of files and all kind of things in the terminal and in the work space your are in.
- How to use it: there are several ways to use brace expansions first one is using a script in the terminal stating with #!/bin/bash of the specific task you want to use for the other one is using brackets {} also the regular way using /`` in the terminal for the script can use it as this is a complete document specifying what you need to modify or do. echo {one,two,three,four}``` also with

for i in {3..7} do echo \$i done and expanding names and directories ls *.txt