Bash Day 1 Redirectors and wildcards

The "|" is called a pipe

It joins multiple commands into string of commands

Ex
Ls | wc -l
This takes the output of the ls function and sends it to the wc command in order for it it o count the lines in a given directory

The ">" represents send he output of a command to a file or folder location

Ls > directory_contents.txt

This takes the output of Ls and sends it to a new file called directory_contents.txt

If you use >> you will append the information to a new file

Wildcards
Special characters that allow us to specify multiple files at the same time

"*" allows you to list out ALL files that match a given value

Ex *.txt will give you ALL files that end with .txt

Ls *.txt | wc -l

This will make a list of all the .txt files and then use the word count function to count how many files are present

?

Only identifies matches that occur once

To extract only fastq files form 10 to 19

sample_1*.fq gives even 3 digit number with 1 in the beginning
sample_1?

History command
Lists all the commands you have been entered during your session

If you enter ! Then the line of the command you want it will run.