Solutions to Exercises

1. cd course_data/Introduction_to_Linux_Unix_Text_processing/ Exercises/
2. head -15 HM067743.1_cds_ADQ37313.1_1.fa > output.fa
3. ls *.fa | wc -l
4. grep "^>" all.fa
5. grep "^>" all.fa | wc -l
6. cp ../outbreak.csv .; cut -d"," -f3 outbreak.csv | grep -i -v "multi-country" | sort | uniq
7. cut -d" " -f2 outbreak.csv | grep -i -v "multi-country" | sort | uniq -c

Solutions to Quiz

1. head -99 <filename> | tail -1
2. grep "ABC" <filename> | wc -l
3. kill 5678 (kill <processID>)
4. !! (Reruns previous command)
5. mkdir <dirname>
6. touch <filename>
7. rm -f <filename>
8. Concatenate files sequentially and prints on the standard output (screen)
9. wc
10. pwd
11. cut -f2,5,7 <filename>
12. head outbreak.csv | sort > outbreak_1.csv; head -20 outbreak.csv | sort > outbreak_2.csv;
13. comm -12 outbreak_1.csv outbreak_2.csv
14. ls -l > list
15. cat ../SARS-2-variants.tsv | grep -v "WHO"
16. It will copy the <file> from one directory up the current working directory to the current working directory.
17. grep "pattern" <filename.txt>; grep "BioProject" ../SARS-CoV-2.gb
18. rm -r (recursive removal of a directory)
19. man <commandname>
20. ls -a