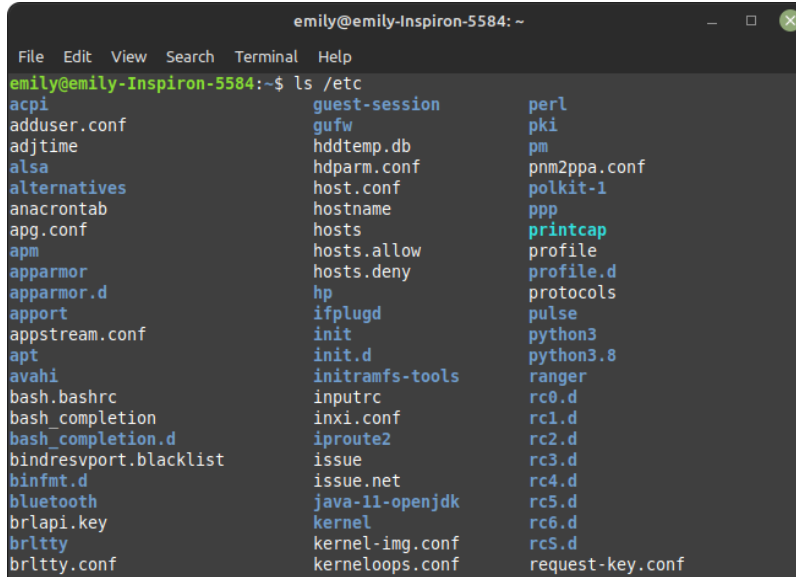# WS 1 Linux Skills

Please answer each one of the questions below. Do not randomly scribble. Paste the question that you are answering and then answer. Clearly write the name(s) of your partner(s).

Question 1 (1 pt): What is the name of your shell?
    Command: echo $SHELL
    /bin/bash

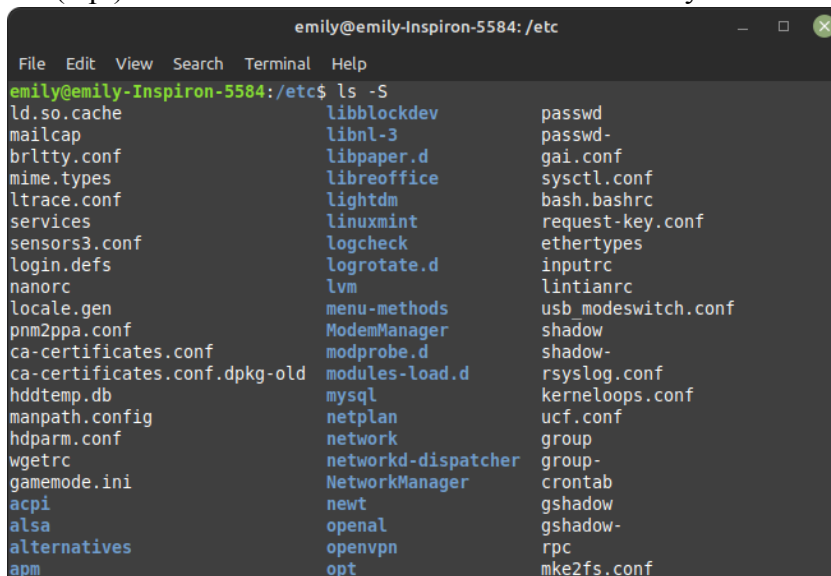Question 2 (1 pt): Give the command to list the top 10 items in the /etc/ folder.

Question 3 (1 pt): Give the command to change the directory to /etc/ folder.
        $ cd /etc

Question 4 (1 pt): Give the command to list the files sorted by size.

Question 5 (1 pt): Give the command to list the files with the word 'switch' in them.
$ ls -d *switch*

Question 6 (2 pts): Change to your home (~) folder. Perform this command:
echo 'cat /proc/cpuinfo' > example3.
Find the permissions to the file example3 and write it down.
$ ls example3 -l

Question 7 (3 pts): Change the mode of example3 to execute. Give the complete command.
Execute it using ./example3. Copy and paste the contents.

```
emily@emily-Inspiron-5584: ~

File  Edit  View  Search  Terminal  Help
emily@emily-Inspiron-5584:~$ ./example3
processor       : 0
vendor_id       : GenuineIntel
cpu family      : 6
model           : 142
model name      : Intel(R) Core(TM) i7-8565U CPU @ 1.80GHz
stepping        : 11
microcode       : 0xf0
cpu MHz         : 1308.629
cache size      : 8192 KB
physical id     : 0
siblings        : 8
core id         : 0
cpu cores       : 4
apicid          : 0
initial apicid  : 0
fpu             : yes
fpu_exception   : yes
cpuid level     : 22
wp              : yes
flags           : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov
pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdt
scp lm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology nonstop_ts
c cpuid aperfmperf pni pclmulqdq dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fm
a cx16 xtpr pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes x
save avx f16c rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single ss
bd ibrs ibpb stibp tpr_shadow vnmi flexpriority ept vpid ept_ad fsgsbase tsc_adj
ust bmi1 avx2 smep bmi2 erms invpcid mpx rdseed adx smap clflushopt intel_pt xsa
veopt xsavec xgetbv1 xsaves dtherm ida arat pln pts hwp hwp_notify hwp_act_windo
w hwp_epp md_clear flush_l1d arch_capabilities
bugs            : spectre_v1 spectre_v2 spec_store_bypass mds swapgs itlb_multih
it srbds mmio_stale_data retbleed
bogomips        : 3999.93
clflush size    : 64
cache_alignment : 64
address sizes   : 39 bits physical, 48 bits virtual
power management:

processor       : 1
vendor_id       : GenuineIntel
cpu family      : 6
model           : 142
model name      : Intel(R) Core(TM) i7-8565U CPU @ 1.80GHz
stepping        : 11
microcode       : 0xf0
cpu MHz         : 1151.585
cache size      : 8192 KB
```