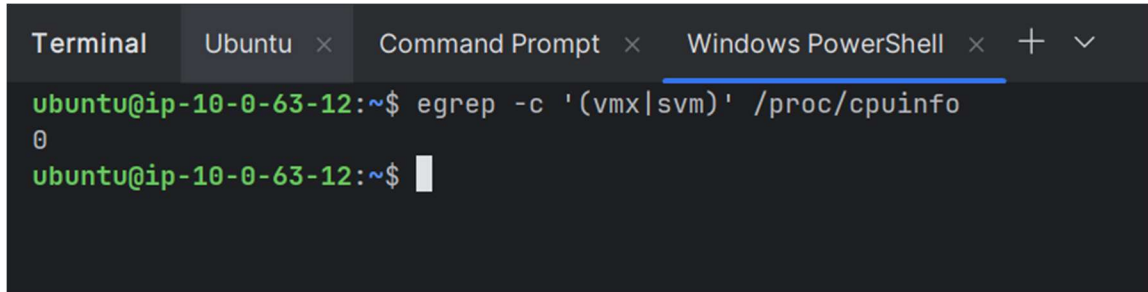


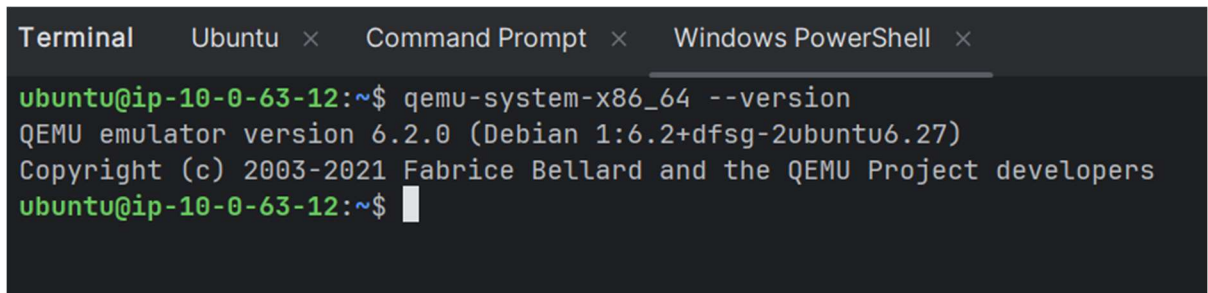
Assignment 1

1. Command 1: `egrep -c '(vmx|svm)' /proc/cpuinfo`



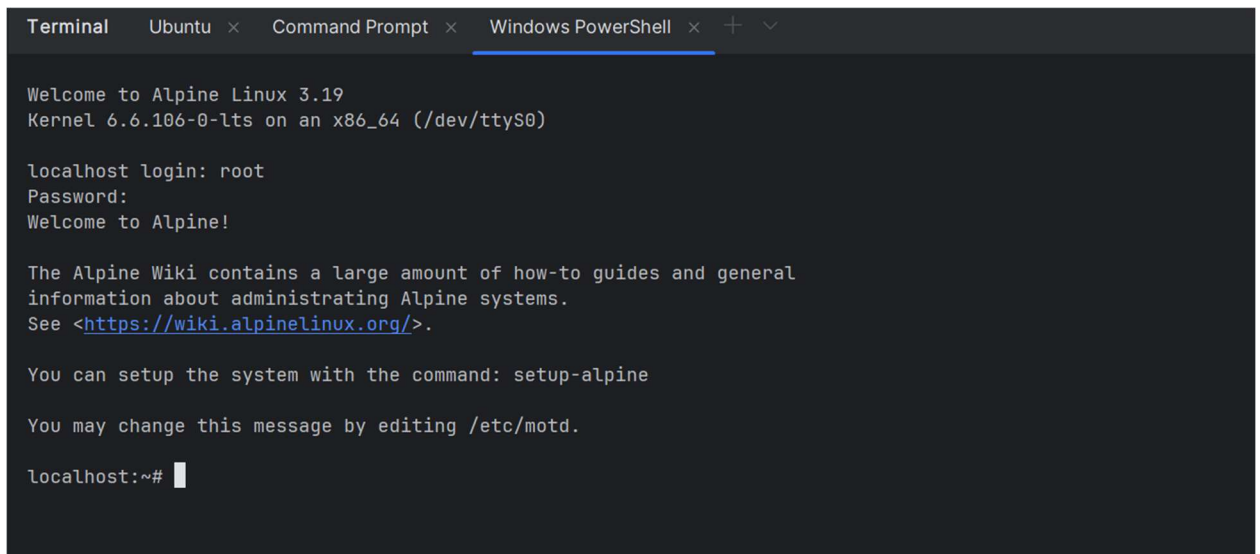
```
Terminal  Ubuntu x  Command Prompt x  Windows PowerShell x  +  v
ubuntu@ip-10-0-63-12:~$ egrep -c '(vmx|svm)' /proc/cpuinfo
0
ubuntu@ip-10-0-63-12:~$
```

2. Command 2: `qemu-system-x86_64 -version`



```
Terminal  Ubuntu x  Command Prompt x  Windows PowerShell x
ubuntu@ip-10-0-63-12:~$ qemu-system-x86_64 --version
QEMU emulator version 6.2.0 (Debian 1:6.2+dfsg-2ubuntu6.27)
Copyright (c) 2003-2021 Fabrice Bellard and the QEMU Project developers
ubuntu@ip-10-0-63-12:~$
```

3. Screenshot or terminal capture showing Alpine boot or login



```
Terminal  Ubuntu x  Command Prompt x  Windows PowerShell x  +  v

Welcome to Alpine Linux 3.19
Kernel 6.6.106-0-lts on an x86_64 (/dev/ttyS0)

localhost login: root
Password:
Welcome to Alpine!

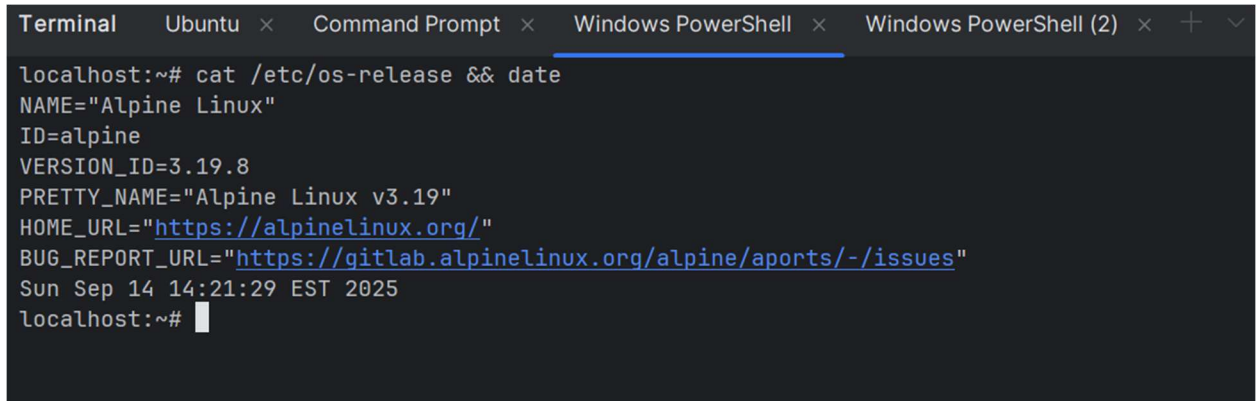
The Alpine Wiki contains a large amount of how-to guides and general
information about administrating Alpine systems.
See <https://wiki.alpinelinux.org/>.

You can setup the system with the command: setup-alpine

You may change this message by editing /etc/motd.

localhost:~#
```

4. Screenshot or terminal capture of `cat /etc/os-release` && `date` from the Alpine image.



```
Terminal  Ubuntu ×  Command Prompt ×  Windows PowerShell ×  Windows PowerShell (2) ×  +  v
localhost:~# cat /etc/os-release && date
NAME="Alpine Linux"
ID=alpine
VERSION_ID=3.19.8
PRETTY_NAME="Alpine Linux v3.19"
HOME_URL="https://alpinelinux.org/"
BUG_REPORT_URL="https://gitlab.alpinelinux.org/alpine/aports/-/issues"
Sun Sep 14 14:21:29 EST 2025
localhost:~#
```