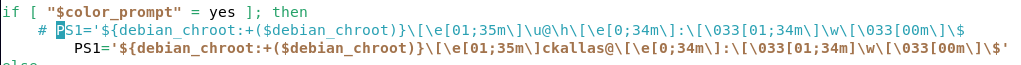
Course: Unix Name: Christina Kallas  
Section: 00001 License: CC by 4.0

Part 1 – Configuring my shell:

**Question 1 & 2)**



**Question 3)**

**Graphical user interface, application

Description automatically generated**

**Question 4)**

**A picture containing graphical user interface

Description automatically generated**

**Question 5)**

**Graphical user interface, application

Description automatically generated**

**Question 6)**

****

**Question7)**

****

**Question 8)**

**Graphical user interface, text, application, email

Description automatically generated**

**Question 9)**

****

**Question 10)**

****

**Question 11)**

**Text

Description automatically generated with medium confidence**

Part 2 – Process Practice:

**Question 1)**

**A screenshot of a computer

Description automatically generated with medium confidence**

**Questions 3)**

**Text

Description automatically generated**

**Question 4)**

****

**Question 5)**

****

* This command also closed the app running in the background

**Question 6)**

Sorting by memory: Shift + M (Shift I to inverse order)

Table

Description automatically generated

Sorting by pid: F6 + arrows then enter when pid is highlighted (Shift I to inverse order)

Table

Description automatically generated

Sorting by CPU: Shift + P (Shift I to inverse order)

Table

Description automatically generated

**Question 8)**

If you click F, there is a search button (htop). You can then simply type gimp in the search bar and it will the F3 button will help you iterate through to the next one.

**Question 9)**

Text

Description automatically generated

**Question 10)**

Text

Description automatically generated

Part 3 – Hands-on Commands:

|  |  |  |  |
| --- | --- | --- | --- |
| **Command** | **Description** | **Explored Options** | **Log** |
| Top / htop / bashtop | Htop is an interactive process viewer that allows me to see the usage, priority, runtime, etc of every command and process that Is happening on my VM. | (none) | $htop  Shift + f  Shift + i  F6 + arrows  Shift + i  Shift + M  Shift + i |
| Ps | Report a snapshot of the current process – Allows me to view information related with the processes on the system | (none)  -u  Prints with usernames  -ux  Lets me see root processes  -aux  Displays the most amount of info a user needs for understanding the current state of their system’s running processes  -e  Lets me see every process in the system using standard syntax | $ps  $ps -u  $ps -ux  $ps -aux  $ps -e |
| kill | Sends a signal to a process to terminate it with a process or job ID | -9  -15 | $kill -9 5656  $kill -15 6949 |
| Killall | Kills processes by names | (none)  -e  Requires an exact match for long names  -I  Case incensitive | $ killall gimp-2.10  $killall -e gimp-2.10  $killall -I GiMp-2.10 |
| Xkill | Kills a client by its X resource | (none) | $xkill |
| Nice | Runs a program with modified scheduling priority | (none) | $nice |
| Renice | Alter priority of running process | (none) | $renice 15 5912 |
| Pidof | Find the process ID of a running program | (none) | $pidof gimp-2.10 |
| Pgrep | Lists the process IDs which match criteria input | -u | $pgrep -u root |
| pstree | Display a tree of processes | (none) | $pstree |