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Graded Assignment module 1-4

Question 4.

1.Used uptime command, output shows the system time, how long the system has been running since the last boot, 1:11 in this case. It shows 1 logged in user, and lastly shows the system load average in this case is 0.00,0.00,0.00 for the last 1,5 and 15 min.

2.Command used is ps -u $USER, output diplays, PID, process id numbers and TTY, name of the terminal process, TIME-total amount of CPU time(in this 0.000).CMD, name of executable that started the process.

3.Command top used to show process consuming the most CPU. Output displays system overview, as well as a process list sorted by the %CPU usage.

4. Command sleep 100 & starts a background process, output displays 1 and the PID number. To verify this used the jobs command, which then displays the ID which 1 and the status in this Running.

5. used renice +5 -p <PID> , however process failed, unexpected token has been used.

6.used command free -h, the output shows memory total, used and free, shared, buff/cache and available and swap.

7.Used command df -h ~ ,for disk space inspection, it shows the filesystem size, used available use% and mounted on.

8.Used command echo $SHELL ,to identify the shell I am currently using. The output displays the path of the current shell /bin/bash.

9.Used command uname -a (for system information)> system_report.txt, output does not display any change, however system info has been saved to the file system_report.txt.

10.Using the ncdu command, the output displays the list of files as well as folders and their sizes, there are hash marks next to the folders/files according to their sizes, representing the space they have. You can use arrows to navigate ,? For help .