



Time = 15 minutes

Quiz 2

Max Points: 10

For each of the following questions, select only one correct answer from the multiple choices provided:

- 1) Which of the following commands will print the first 20 lines of the file `/etc/passwd`?
 - a) `cat /etc/passwd | head -20`
 - b) `head /etc/passwd`
 - c) `tail /etc/passwd`
 - d) `cat /etc/passwd | tail -20`
 - e) `head /etc/passwd | tail -20`

- 2) Which of the following commands will count the number of lines in the file `/etc/passwd`?
 - a) `wc -w /etc/passwd`
 - b) `cat /etc/passwd | wc -l`
 - c) `grep -c /etc/passwd`
 - d) `cat /etc/passwd | grep -c .`
 - e) `wc -c < /etc/passwd`

- 3) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root`?
 - a) `grep root /etc/passwd`
 - b) `cat /etc/passwd | grep -l root`
 - c) `cat /etc/passwd | grep -c root`
 - d) `grep -l root /etc/passwd`
 - e) `grep -v root /etc/passwd`

- 4) Which of the following commands will print the lines in the file `/etc/passwd` that start with the letter `u`?
 - a) `grep -c ^u /etc/passwd`
 - b) `cat /etc/passwd | grep ^u`
 - c) `cat /etc/passwd | grep -c ^u`
 - d) `grep -l ^u /etc/passwd`
 - e) `grep -v ^u /etc/passwd`

- 5) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and start with the letter `u`?
- a) `grep root ^u /etc/passwd`
 - b) `cat /etc/passwd | grep root | grep ^u`
 - c) `cat /etc/passwd | grep -l ^u | grep root`
 - d) `grep -c root ^u /etc/passwd`
 - e) `grep -l root ^u /etc/passwd`
- 6) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then redirect the output to the file `/tmp/passwd`?
- a) `cat /etc/passwd | grep -l root > /tmp/passwd`
 - b) `grep -c root /etc/passwd > /tmp/passwd`
 - c) `grep root /etc/passwd > /tmp/passwd`
 - d) `cat /etc/passwd | grep root | > /tmp/passwd`
 - e) `cat /etc/passwd | grep root -a /tmp/passwd`
- 7) Which of the following commands will print the first 20 lines of the file `/etc/passwd` and then sort the output?
- a) `cat /etc/passwd | head | sort`
 - b) `head -20 /etc/passwd | sort`
 - c) `cat /etc/passwd | sort | head`
 - d) `cat /etc/passwd | tail -20 | sort`
 - e) `cat /etc/passwd | sort | tail -20`
- 8) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then remove all duplicate lines?
- a) `cat /etc/passwd | grep root | sort -u`
 - b) `cat /etc/passwd | grep root | uniq`
 - c) `cat /etc/passwd | grep -l root | sort | uniq -d`
 - d) `cat /etc/passwd | grep -c root | sort | uniq -u`
 - e) `cat /etc/passwd | grep -u root | sort | uniq -c`
- 9) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then pipe the output to the command `wc -l` to count the number of lines?
- a) `cat /etc/passwd | grep -l root | wc -l`
 - b) `grep root /etc/passwd | wc -l`
 - c) `cat /etc/passwd | wc -l | grep root`
 - d) `grep root /etc/passwd | cat | wc -l`
 - e) `cat /etc/passwd | grep root | wc -l | sort`
- 10) Which of the following commands will print the PIDs of all processes that are running the command `ls`?
- a) `ps aux | grep ls`
 - b) `ps -ef | grep ls`
 - c) `top | grep ls`
 - d) `killall ls`
 - e) `zgrep ls`



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 - c) `cat /etc/passwd | tail -20`
 - d) `head /etc/passwd | tail -20`
 - e) `cat /etc/passwd | head -20`

- 2) Which of the following commands will count the number of lines in the file `/etc/passwd`?
 - a) `cat /etc/passwd | wc -l`
 - b) `grep -c /etc/passwd`
 - c) `cat /etc/passwd | grep -c .`
 - d) `wc -c < /etc/passwd`
 - e) `wc -w /etc/passwd`

- 3) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root`?
 - a) `cat /etc/passwd | grep -l root`
 - b) `cat /etc/passwd | grep -c root`
 - c) `grep -l root /etc/passwd`
 - d) `grep -v root /etc/passwd`
 - e) `grep root /etc/passwd`

- 4) Which of the following commands will print the lines in the file `/etc/passwd` that start with the letter `u`?
 - a) `cat /etc/passwd | grep ^u`
 - b) `cat /etc/passwd | grep -c ^u`
 - c) `grep -l ^u /etc/passwd`
 - d) `grep -v ^u /etc/passwd`
 - e) `grep -c ^u /etc/passwd`

- 5) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and start with the letter `u`?
- a) `cat /etc/passwd | grep root | grep ^u`
 - b) `cat /etc/passwd | grep -l ^u | grep root`
 - c) `grep -c root ^u /etc/passwd`
 - d) `grep -l root ^u /etc/passwd`
 - e) `grep root ^u /etc/passwd`
- 6) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then redirect the output to the file `/tmp/passwd`?
- a) `grep -c root /etc/passwd > /tmp/passwd`
 - b) `grep root /etc/passwd > /tmp/passwd`
 - c) `cat /etc/passwd | grep root | > /tmp/passwd`
 - d) `cat /etc/passwd | grep root -a /tmp/passwd`
 - e) `cat /etc/passwd | grep -l root > /tmp/passwd`
- 7) Which of the following commands will print the first 20 lines of the file `/etc/passwd` and then sort the output?
- a) `head -20 /etc/passwd | sort`
 - b) `cat /etc/passwd | sort | head`
 - c) `cat /etc/passwd | tail -20 | sort`
 - d) `cat /etc/passwd | sort | tail -20`
 - e) `cat /etc/passwd | head | sort`
- 8) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then remove all duplicate lines?
- a) `cat /etc/passwd | grep root | uniq`
 - b) `cat /etc/passwd | grep -l root | sort | uniq -d`
 - c) `cat /etc/passwd | grep -c root | sort | uniq -u`
 - d) `cat /etc/passwd | grep -u root | sort | uniq -c`
 - e) `cat /etc/passwd | grep root | sort -u`
- 9) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then pipe the output to the command `wc -l` to count the number of lines?
- a) `grep root /etc/passwd | wc -l`
 - b) `cat /etc/passwd | wc -l | grep root`
 - c) `grep root /etc/passwd | cat | wc -l`
 - d) `cat /etc/passwd | grep root | wc -l | sort`
 - e) `cat /etc/passwd | grep -l root | wc -l`
- 10) Which of the following commands will print the PIDs of all processes that are running the command `ls`?
- a) `ps -ef | grep ls`
 - b) `top | grep ls`
 - c) `killall ls`
 - d) `zgrep ls`
 - e) `ps aux | grep ls`



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For each of the following questions, select only one correct answer from the multiple choices provided:

- 1) Which of the following commands will print the first 20 lines of the file `/etc/passwd`?
 - a) `tail /etc/passwd`
 - b) `cat /etc/passwd | tail -20`
 - c) `head /etc/passwd | tail -20`
 - d) `cat /etc/passwd | head -20`
 - e) `head /etc/passwd`

- 2) Which of the following commands will count the number of lines in the file `/etc/passwd`?
 - a) `grep -c /etc/passwd`
 - b) `cat /etc/passwd | grep -c .`
 - c) `wc -c < /etc/passwd`
 - d) `wc -w /etc/passwd`
 - e) `cat /etc/passwd | wc -l`

- 3) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root`?
 - a) `cat /etc/passwd | grep -c root`
 - b) `grep -l root /etc/passwd`
 - c) `grep -v root /etc/passwd`
 - d) `grep root /etc/passwd`
 - e) `cat /etc/passwd | grep -l root`

- 4) Which of the following commands will print the lines in the file `/etc/passwd` that start with the letter `u`?
 - a) `cat /etc/passwd | grep -c ^u`
 - b) `grep -l ^u /etc/passwd`
 - c) `grep -v ^u /etc/passwd`
 - d) `grep -c ^u /etc/passwd`
 - e) `cat /etc/passwd | grep ^u`

- 5) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and start with the letter `u`?
- a) `cat /etc/passwd | grep -l ^u | grep root`
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- 6) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then redirect the output to the file `/tmp/passwd`?
- a) `grep root /etc/passwd > /tmp/passwd`
 - b) `cat /etc/passwd | grep root | > /tmp/passwd`
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- 8) Which of the following commands will print the lines in the file `/etc/passwd` that contain the string `root` and then remove all duplicate lines?
- a) `cat /etc/passwd | grep -l root | sort | uniq -d`
 - b) `cat /etc/passwd | grep -c root | sort | uniq -u`
 - c) `cat /etc/passwd | grep -u root | sort | uniq -c`
 - d) `cat /etc/passwd | grep root | sort -u`
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