**USP Lab**

**Quiz 9**

1. The input of the filter normally comes from \_\_\_\_\_\_\_\_\_\_\_\_\_. The output from a filter normally goes to \_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Can the input from the cat command come from the keyboard? From a file? From several files?
3. Which of the following creates a file named file1?
4. cat file1
5. cat > file1
6. cat < file1
7. cat >> file1
8. Which of the following copies file1 to file2? (file1 and file2 has contents)
   1. cat file1 file2
   2. cat < file1 file2
   3. cat file1 > file2
   4. cat 0< file1 2>file2
9. Write a command to copy the first line of file1 to file2.
10. If file1 has 100 lines, file2 has 50 lines, and file3 has 80 lines, how many lines will file3 have after each of the following commands? (each command is independent)
11. head -20 file1 > file 3
12. tail +20 file1 > file3
13. tail -20 file1 >> file3
14. head -21 file1 | head -50 > file3
15. tail -20 file2|head -40 > file3

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2. Can the input from the cat command come from the keyboard? From a file? From several files?
3. Which of the following creates a file named file1?
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6. cat < file1
7. cat >> file1
8. Which of the following copies file1 to file2? (file1 and file2 has contents)
   1. cat file1 file2
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   3. cat file1 > file2
   4. cat 0< file1 2>file2
9. Write a command to copy the first line of file1 to file2.
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13. tail -20 file1 >> file3
14. head -21 file1 | head -50 > file3
15. tail -20 file2|head -40 > file3

Answers

1. keyboard, monitor
2. yes,yes,yes
3. b
4. c
5. head -1 file1 > file2
6. a) first 20 lines of file1

b) from 20th line onwards of file1 (20-100 lines of file1)

c) last 20 lines appended to 80 lines of file3 (80+20=100 lines)

d) 21 lines of file1 will be in file3

e) last 20 lines of file2 will be in file3