

This set of Linux / Unix questions and answers focuses on Sed Editor.

### 1. What is sed?

- a) a non-interactive stream editor
- b) an IDE
- c) a hex editor
- d) none of the mentioned

Answer: a

Explanation: None.

### 2. Sed maintains the hold space (a buffer) to

- a) copy the each line of input
- b) save the data for later retrieval
- c) copy the each line of input & save the data for later retrieval
- d) none of the mentioned

Answer: b

Explanation: To copy the each line of input, sed maintains the pattern space.

### 3. Which is the correct syntax for sed on command line?

- a) sed [options] '[command]' [filename].
- b) sed '[command]' [options] [filename].
- c) sed [filename] [options] '[command]'
- d) sed '[command]' [filename] [options].

Answer: a

Explanation: None.

**4. If any sed command does not specify any address then the command is applied to**

- a) each input line
- b) none of the input line
- c) last input line
- d) none of the mentioned

Answer: a

Explanation: None.

**5. If no file is specified in sed command then**

- a) sed command will not work
- b) sed reads from standard input
- c) sed reads the data already present in buffer
- d) it is necessary to provide the filename

Answer: b

Explanation: None.

**6. Which sed command deletes the specified address range**

- a) [address range]/s
- b) [address range]/p
- c) [address range]/d
- d) [address range]/y

Answer: c

Explanation: To use the command correct syntax specified for sed editor should be followed.

**7. Which command is used to replace word 'cat' (already present in the file) with 'mouse' at all places in a file 'old.txt' and save the result in a new file 'new.txt'?**

- a) sed 's/cat/mouce/g' old.txt > new.txt
- b) sed 's/cat/mouse' old.txt new.txt
- c) sed '/s/cat/mouse/g' old.txt new.txt
- d) sed '/s/cat/mouse' old.txt > new.txt

Answer: a

Explanation: None.

**8. Which command will delete all the blank lines in file old.txt?**

- a) sed '/d' old.txt
- b) sed '/^/d' old.txt
- c) sed '/^\$/d' old.txt
- d) sed '/^\*/d' old.txt

Answer: c

Explanation: None.

**9. The command “sed -n ‘/sanfoundry/p’ old.txt” will**

- a) print the lines containing the word ‘sanfoundry’ in file old.txt
- b) delete the lines containing the word ‘sanfoundry’ in file old.txt
- c) will generate an error message
- d) none of the mentioned

Answer: a

Explanation: None.

**10. Which option is used by sed to specify that the following string is an instruction or set of instructions?**

- a) -n
- b) -e
- c) -f
- d) -i

Answer: a

Explanation: None.