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**Batch : A3**

**Exp-no : 8**

**Date: 21-10-23**

## Aim: Self-Learning: Basic programing using Sed Activity:

* Perform following activities using sed command
* substituting string (Default)
* Replacing the nth occurrence of a pattern in a line
* Replacing all the occurrence of the pattern in a line
* Parenthesize first character of each word
* Replacing string on a specific line number
* Duplicating the replaced line with /p flag
* Printing only the replaced lines
* Replacing string on a range of lines
* Deleting nth line from a particular file
* Delete a last line
* Delete line from range x to y
* Delete pattern matching line
* Delete from nth to last line

## Result:

### keyur.txt-

linux is great os. unix is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.unix is a multiuser os.Learn unix .unix is a powerful.

### terminal-

os\_it\_b317@ubuntu:~$ gedit keyur.txt os\_it\_b317@ubuntu:~$ sed 's/unix/linux/' keyur.txt linux is great os. linux is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.linux is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed 's/unix/linux/2' keyur.txt

linux is great os. unix is opensource. linux is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.unix is a multiuser os.Learn linux .unix is a powerful. os\_it\_b317@ubuntu:~$ sed 's/unix/linux/g' keyur.txt

linux is great os. linux is opensource. linux is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.linux is a multiuser os.Learn linux .linux is a powerful.os\_it\_b317@ubuntu:~$ sed 's/unix/linux/3g' keyur.txt linux is great os. unix is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.unix is a multiuser os.Learn unix .linux is a powerful. os\_it\_b317@ubuntu:~$ $ echo "Welcome To The Geek Stuff" | sed 's/\(\b[A-Z]\)/\(\1\)/g'

$: command not found

os\_it\_b317@ubuntu:~$ echo "Welcome To The Geek Stuff" | sed 's/\(\b[A-Z]\)/\(\1\)/g' (W)elcome (T)o (T)he (G)eek (S)tuff

os\_it\_b317@ubuntu:~$ sed '3 s/unix/linux/' keyur.txt linux is great os. unix is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.unix is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed 's/unix/linux/p' keyur.txt

linux is great os. linux is opensource. unix is free os.linux is great os. linux is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.linux is a multiuser os.Learn unix .unix is a powerful. linux is easy to learn.linux is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed -n 's/unix/linux/p' keyur.txt

linux is great os. linux is opensource. unix is free os.

linux is easy to learn.linux is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed '1,3 s/unix/linux/' keyur.txt

linux is great os. linux is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.unix is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed '2,$ s/unix/linux/' keyur.txt

linux is great os. unix is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.linux is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed '5d' keyur.txt

linux is great os. unix is opensource. unix is free os. learn operating system.

linux linux which one you choose.

linux is easy to learn.unix is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed '$d' keyur.txt

linux is great os. unix is opensource. unix is free os. learn operating system.

linux linux which one you choose. os\_it\_b317@ubuntu:~$ sed '1,2d' keyur.txt linux linux which one you choose.

linux is easy to learn.unix is a multiuser os.Learn unix .unix is a powerful. os\_it\_b317@ubuntu:~$ sed '2,$d' keyur.txt

linux is great os. unix is opensource. unix is free os. os\_it\_b317@ubuntu:~$ sed '/unix/d' keyur.txt

learn operating system.

linux linux which one you choose.

### Outcomes:

CO4: Demonstrate open source standards usage.

### Conclusion:

### We have successfully done Basic programing using Sed Grade

### : AA / AB / BB / BC / CC / CD /DD

**Signature of faculty in-charge with date**References:

**1. Richard Blum and Christine Bresnahan, “Linux Command Line & Shell Scripting”, IInd Edition edition, Wiley, 2012.**