

Q.3. Write a sed command that swaps the first and second words in each line in a file.

ANSWER

```
$nano numbers
```

```
ONE TWO THREE FOUR
```

```
FIVE SIX SEVEN
```

```
EIGHT NINE TEN ELEVEN
```

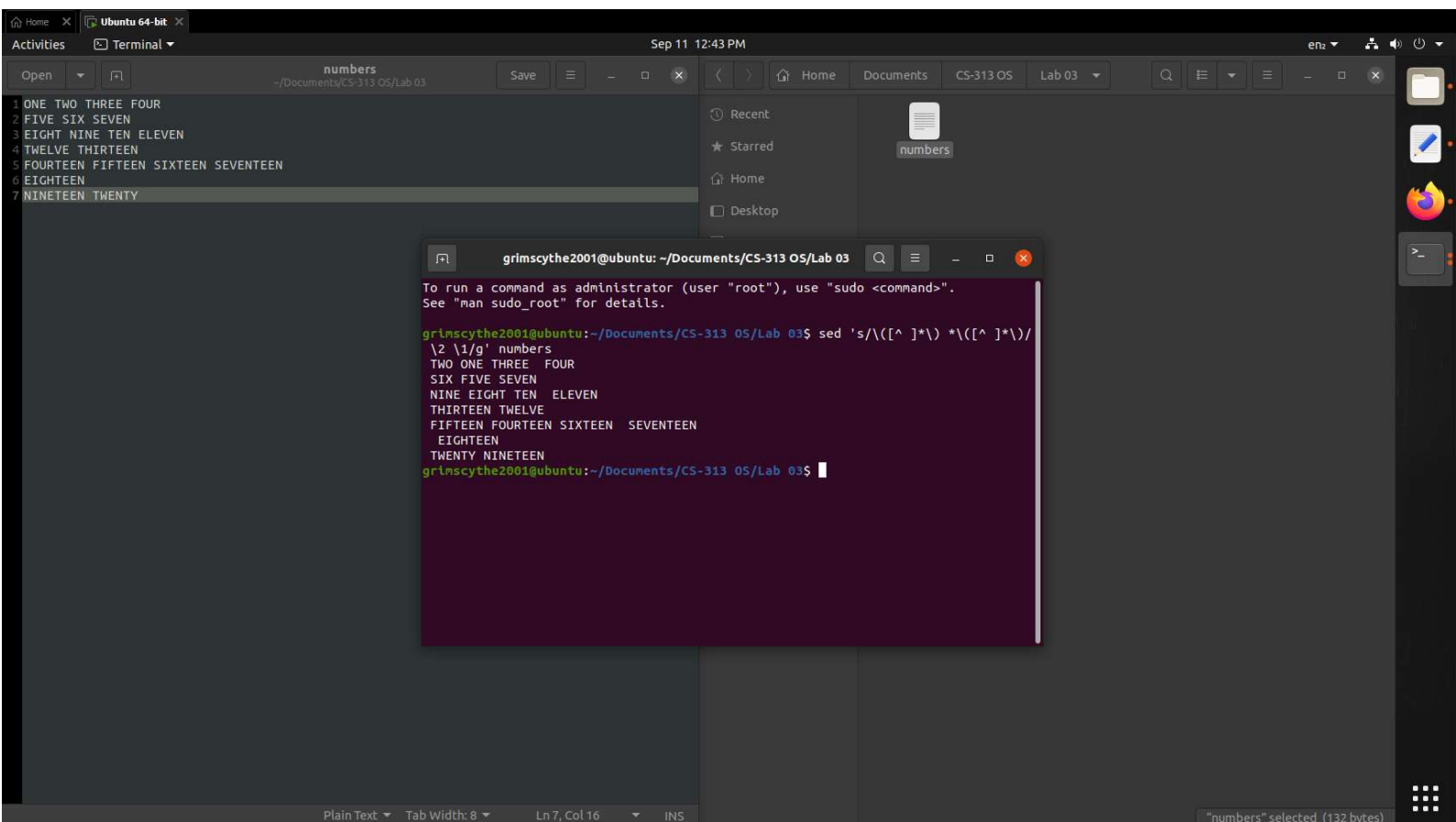
```
TWELVE THIRTEEN
```

```
FOURTEEN FIFTEEN SIXTEEN SEVENTEEN
```

```
EIGHTEEN
```

```
NINETEEN TWENTY
```

```
$sed 's/\([^ ]*\) *\([^ ]*\)/\2 \1/g' numbers
```



The screenshot shows a terminal window with the following content:

```
grimscythe2001@ubuntu: ~/Documents/CS-313 OS/Lab 03
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

grimscythe2001@ubuntu:~/Documents/CS-313 OS/Lab 03$ sed 's/\([^ ]*\) *\([^ ]*\)/\2 \1/g' numbers
TWO ONE THREE FOUR
SIX FIVE SEVEN
NINE EIGHT TEN ELEVEN
THIRTEEN TWELVE
FIFTEEN FOURTEEN SIXTEEN SEVENTEEN
EIGHTEEN
TWENTY NINETEEN
grimscythe2001@ubuntu:~/Documents/CS-313 OS/Lab 03$
```

The background shows a file editor window with the original content of the 'numbers' file:

```
1 ONE TWO THREE FOUR
2 FIVE SIX SEVEN
3 EIGHT NINE TEN ELEVEN
4 TWELVE THIRTEEN
5 FOURTEEN FIFTEEN SIXTEEN SEVENTEEN
6 EIGHTEEN
7 NINETEEN TWENTY
```