

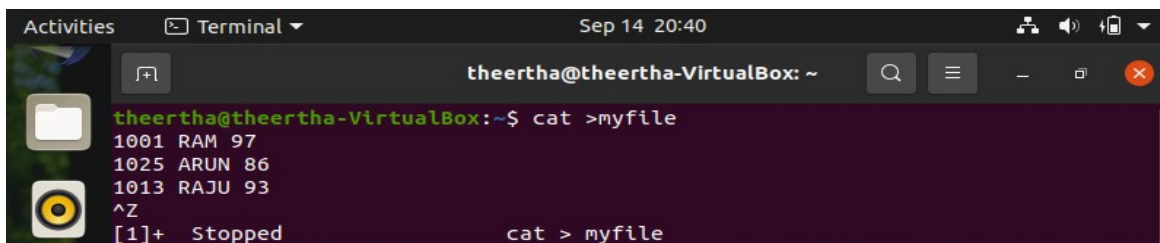
EXERCISE – 4

1) Use the cat command to create a file containing the following data. Call it myfile use tabs to separate the fields.

```
1001 RAM 97
1025 ARUN 86
1013 RAJU 93
```

cat >myfile

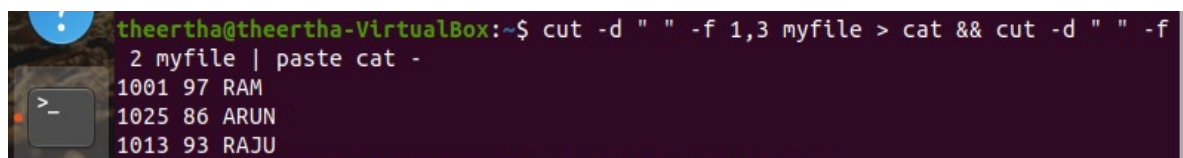
```
1001 RAM 97
1025 ARUN 86
1013 RAJU 93
```

A terminal window titled 'theertha@theertha-VirtualBox: ~' showing the command 'cat >myfile' and its output: '1001 RAM 97', '1025 ARUN 86', '1013 RAJU 93', and '^Z'. The prompt '[1]+ Stopped' is visible at the bottom left, and 'cat > myfile' is at the bottom right.

```
theertha@theertha-VirtualBox:~$ cat >myfile
1001 RAM 97
1025 ARUN 86
1013 RAJU 93
^Z
[1]+  Stopped                  cat > myfile
```

2) Use the cut and paste commands to swap fields 2 and 3 of myfile.

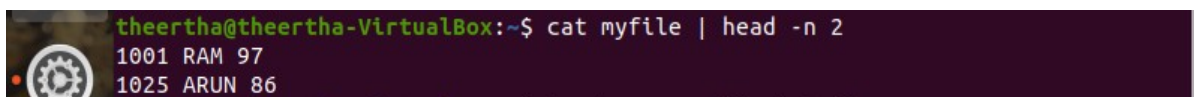
cut -d " " -f 1,3 myfile > cat && cut -d " " -f 2 myfile | paste cat -

A terminal window showing the command 'cut -d " " -f 1,3 myfile > cat && cut -d " " -f 2 myfile | paste cat -' and its output: '1001 97 RAM', '1025 86 ARUN', and '1013 93 RAJU'.

```
theertha@theertha-VirtualBox:~$ cut -d " " -f 1,3 myfile > cat && cut -d " " -f 2 myfile | paste cat -
1001 97 RAM
1025 86 ARUN
1013 93 RAJU
```

3) Print first 2 rows of the file myfile

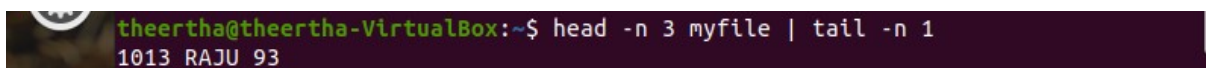
cat myfile | head -n 2

A terminal window showing the command 'cat myfile | head -n 2' and its output: '1001 RAM 97' and '1025 ARUN 86'.

```
theertha@theertha-VirtualBox:~$ cat myfile | head -n 2
1001 RAM 97
1025 ARUN 86
```

4) Print the contents of 3rd row only of the file myfile.

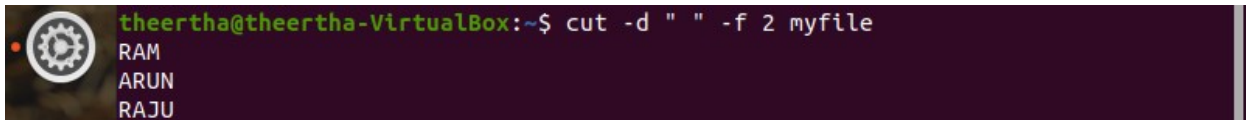
head -n 3 myfile | tail -n 1

A terminal window showing the command 'head -n 3 myfile | tail -n 1' and its output: '1013 RAJU 93'.

```
theertha@theertha-VirtualBox:~$ head -n 3 myfile | tail -n 1
1013 RAJU 93
```

5) Print the names only from the file myfile.

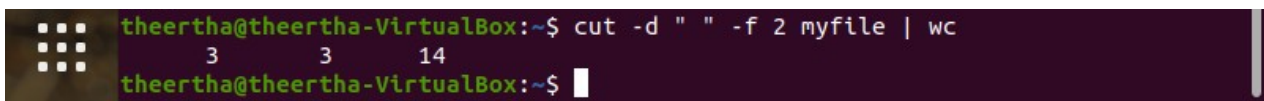
```
cut -d " " -f 2 myfile
```



```
theertha@theertha-VirtualBox:~$ cut -d " " -f 2 myfile
RAM
ARUN
RAJU
```

6) Count the number of Lines, words and characters from the previous output.

```
cut -d " " -f 2 myfile | wc
```



```
theertha@theertha-VirtualBox:~$ cut -d " " -f 2 myfile | wc
  3      3     14
theertha@theertha-VirtualBox:~$
```