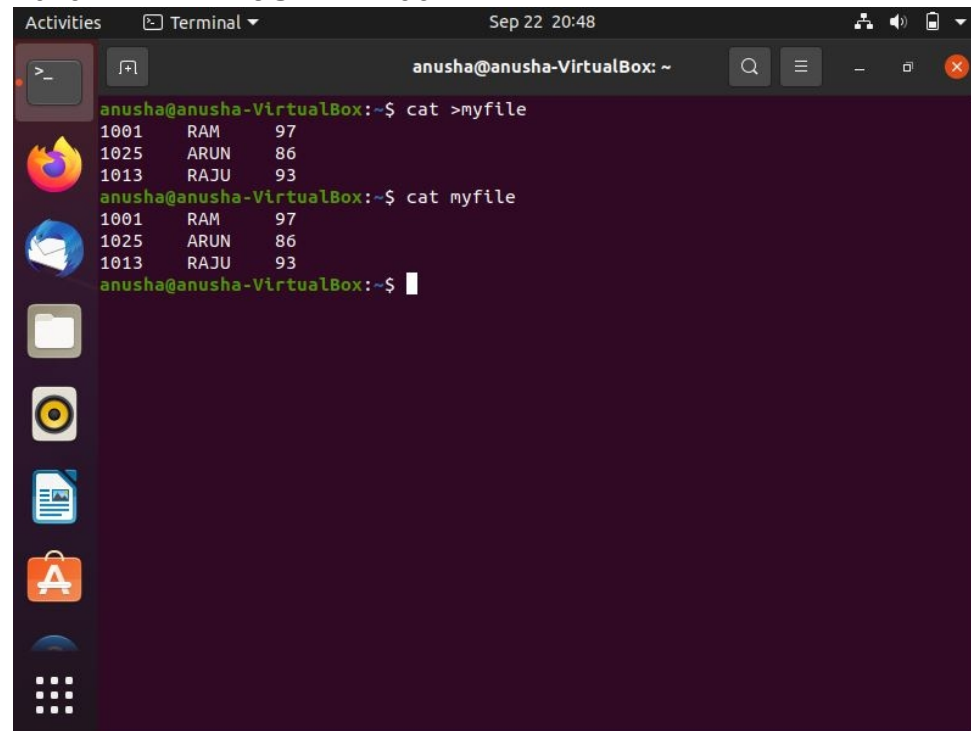


1. Use the cat command to create a file containing the following data. Call it myfile use tabs to separate the fields.

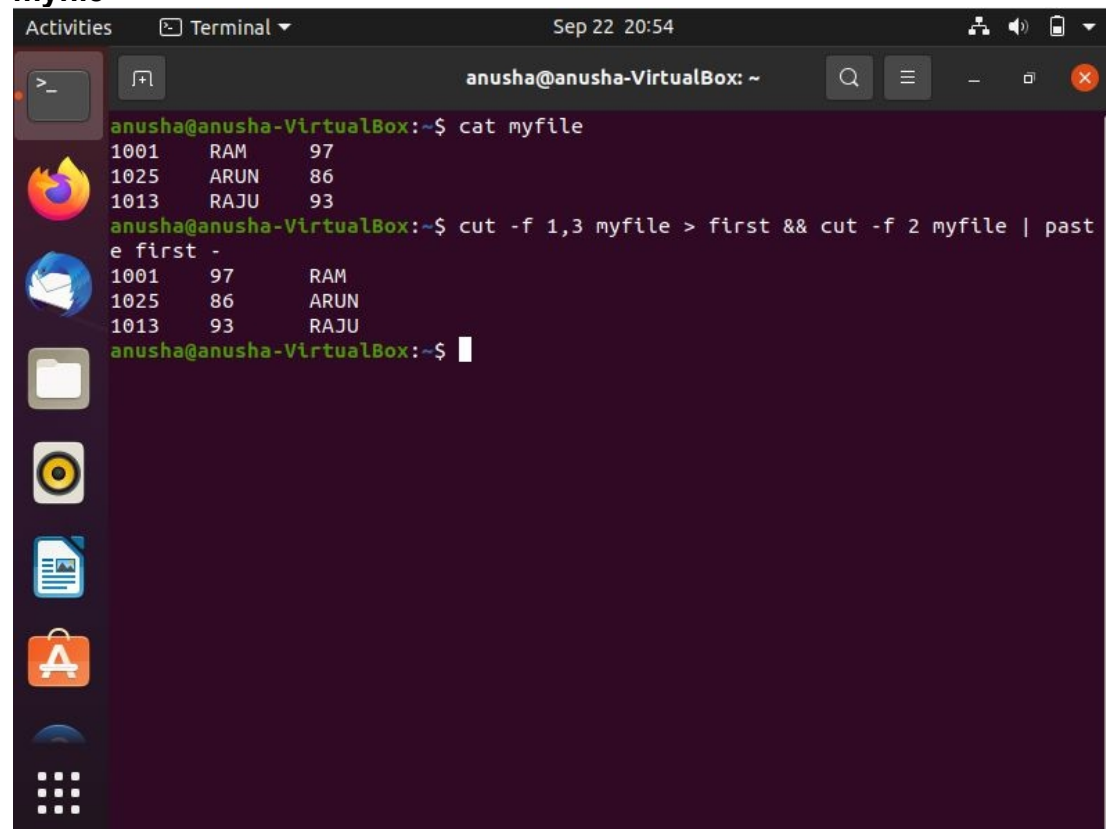
1001	RAM	97
1025	ARUN	86
1013	RAJU	93



A terminal window titled 'anusha@anusha-VirtualBox: ~' showing the execution of the 'cat' command to create a file named 'myfile'. The command 'cat >myfile' is entered, followed by the data: '1001 RAM 97', '1025 ARUN 86', and '1013 RAJU 93'. Then, the command 'cat myfile' is entered, displaying the same data. The terminal has a dark purple background and a sidebar with application icons on the left.

```
anusha@anusha-VirtualBox:~$ cat >myfile
1001 RAM 97
1025 ARUN 86
1013 RAJU 93
anusha@anusha-VirtualBox:~$ cat myfile
1001 RAM 97
1025 ARUN 86
1013 RAJU 93
anusha@anusha-VirtualBox:~$
```

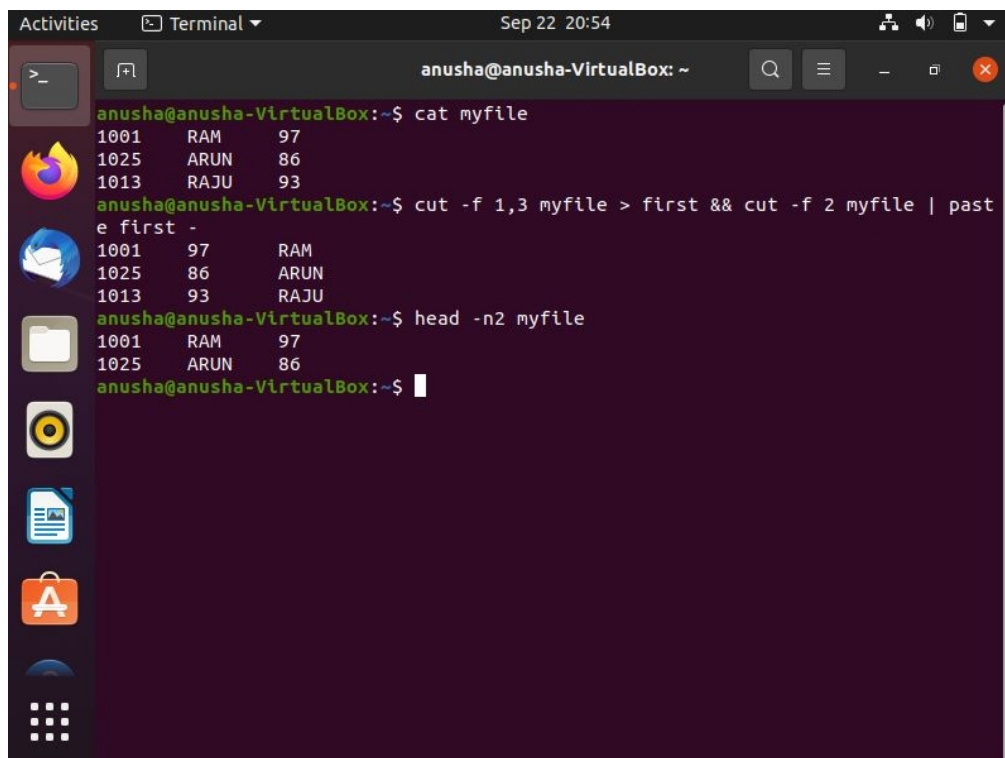
2. Use the cut and paste commands to swap fields 2 and 3 of myfile



A terminal window titled 'anusha@anusha-VirtualBox: ~' showing the execution of 'cat myfile' to display the original data. Then, the command 'cut -f 1,3 myfile > first' is entered to create a new file 'first' containing the first and third fields. Next, the command 'cut -f 2 myfile | paste first -' is entered, which pipes the second field into the 'paste' command to swap it with the third field. The resulting output shows the data with fields 2 and 3 swapped: '1001 97 RAM', '1025 86 ARUN', and '1013 93 RAJU'. The terminal has a dark purple background and a sidebar with application icons on the left.

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

3. Print first 2 rows of the file myfile

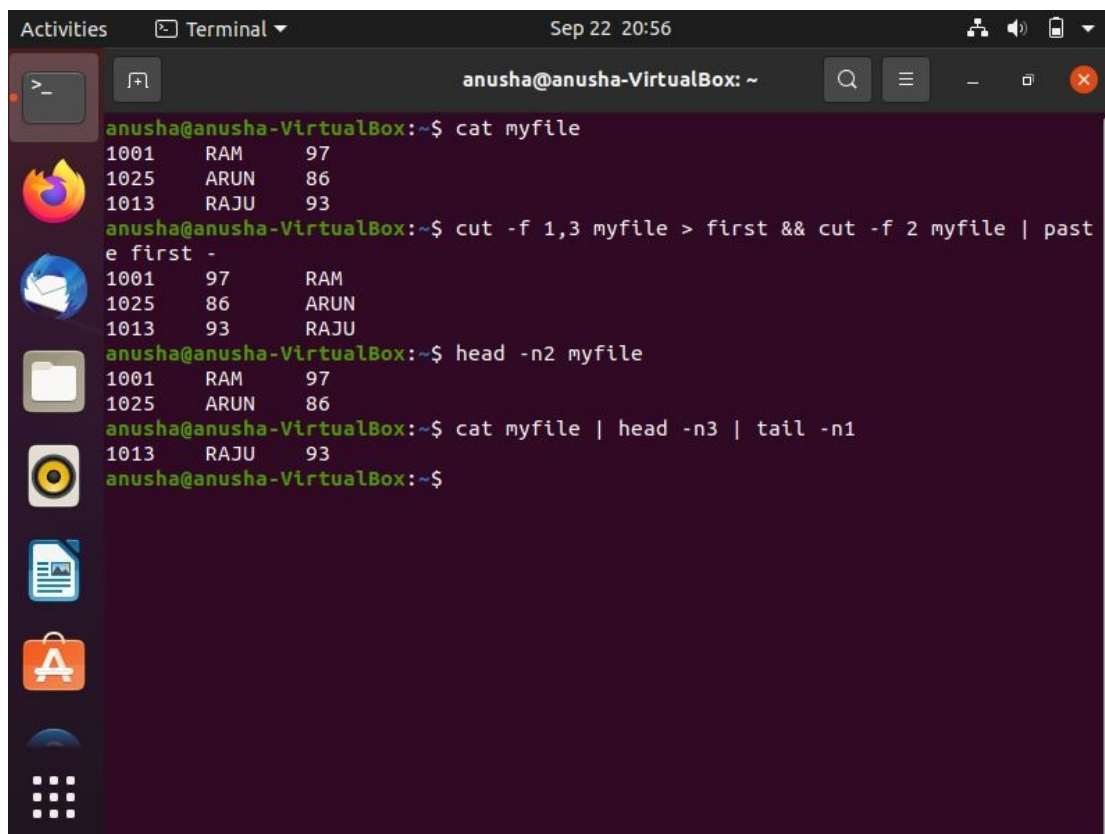


A terminal window titled 'anusha@anusha-VirtualBox: ~' with a search icon, menu icon, and window controls. The terminal shows the following commands and output:

```
anusha@anusha-VirtualBox:~$ cat myfile
1001    RAM    97
1025    ARUN   86
1013    RAJU   93
anusha@anusha-VirtualBox:~$ cut -f 1,3 myfile > first && cut -f 2 myfile | past
e first -
1001    97     RAM
1025    86     ARUN
1013    93     RAJU
anusha@anusha-VirtualBox:~$ head -n2 myfile
1001    RAM    97
1025    ARUN   86
anusha@anusha-VirtualBox:~$
```

The left sidebar of the terminal window contains icons for Activities, Terminal, and various application categories (web, mail, files, audio, images, development, and utilities).

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

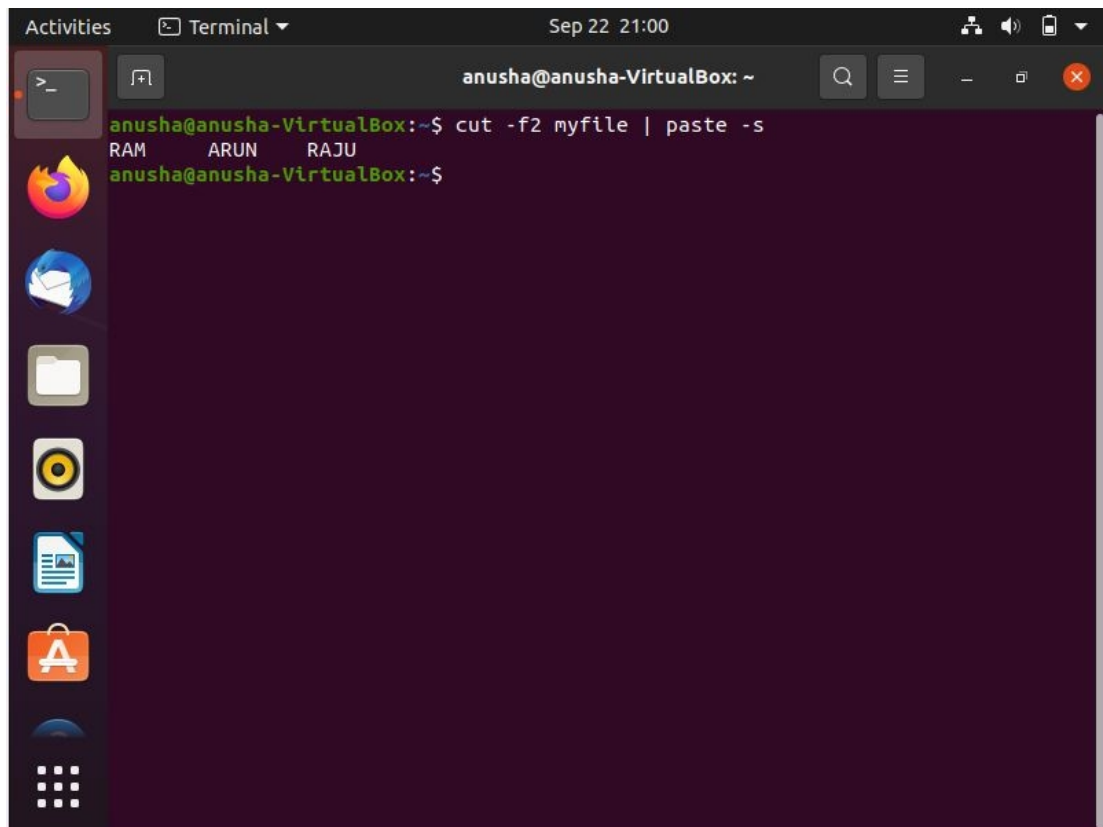


A terminal window titled 'anusha@anusha-VirtualBox: ~' with a search icon, menu icon, and window controls. The terminal shows the following commands and output:

```
anusha@anusha-VirtualBox:~$ cat myfile
1001    RAM    97
1025    ARUN   86
1013    RAJU   93
anusha@anusha-VirtualBox:~$ cut -f 1,3 myfile > first && cut -f 2 myfile | past
e first -
1001    97     RAM
1025    86     ARUN
1013    93     RAJU
anusha@anusha-VirtualBox:~$ head -n2 myfile
1001    RAM    97
1025    ARUN   86
anusha@anusha-VirtualBox:~$ cat myfile | head -n3 | tail -n1
1013    RAJU   93
anusha@anusha-VirtualBox:~$
```

The left sidebar of the terminal window contains icons for Activities, Terminal, and various application categories (web, mail, files, audio, images, development, and utilities).

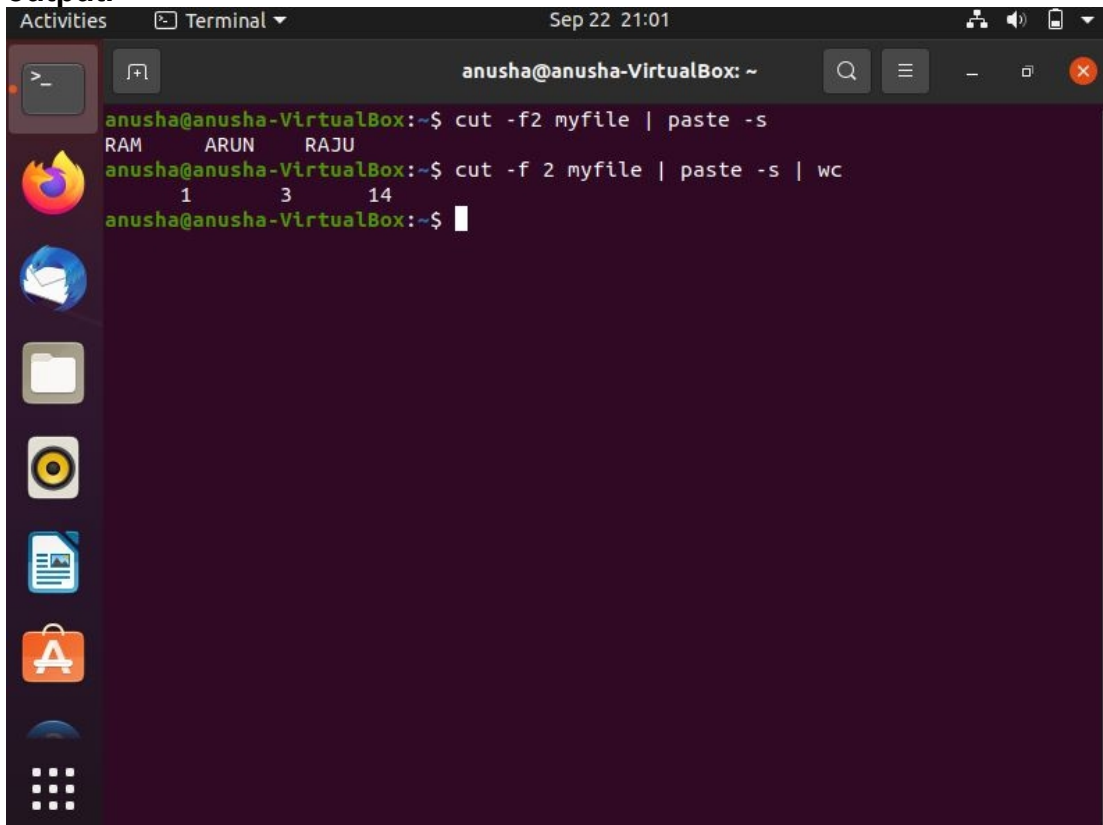
5. Print the names only from the file myfile.



A terminal window titled 'anusha@anusha-VirtualBox: ~' showing the command `cut -f2 myfile | paste -s` and its output `RAM ARUN RAJU`. The terminal is part of a desktop environment with a sidebar containing icons for Firefox, Mail, Files, Music, Documents, and the App Store.

```
anusha@anusha-VirtualBox:~$ cut -f2 myfile | paste -s
RAM ARUN RAJU
anusha@anusha-VirtualBox:~$
```

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



A terminal window titled 'anusha@anusha-VirtualBox: ~' showing the command `cut -f 2 myfile | paste -s | wc` and its output `1 3 14`. The terminal is part of a desktop environment with a sidebar containing icons for Firefox, Mail, Files, Music, Documents, and the App Store.

```
anusha@anusha-VirtualBox:~$ cut -f2 myfile | paste -s
RAM ARUN RAJU
anusha@anusha-VirtualBox:~$ cut -f 2 myfile | paste -s | wc
1 3 14
anusha@anusha-VirtualBox:~$
```