

Lab 8

Tasks:

- Use Linux command to print the output of uptime of your server to the terminal and at the same time write the output to a file using one command. (hint: use pipe |).
- Use Linux command to sort the content of csv file we created earlier (students.csv) and update the file with the sorted data.

```
[root@f98b3c176660 ~]# cd ~
[root@f98b3c176660 ~]# mkdir advance_command_lab
[root@f98b3c176660 ~]# cd advance_command_lab;{ echo ' Ali, 1, Riyadh;'; echo ' Saad, 2, Jeddah;'; echo ' Waleed, 3, Dammam;'; echo ' Noura, 4, Makkah;';
; echo ' Sarah, 5, Yanbu;'; } >> students.csv;{ echo ' Ali-Ahmad;'; echo ' Ali-Khaled;'; echo ' Waleed-Fahad;'; echo ' Noura-Saad;'; echo ' Sarah-Moha
mmed;'; } >> names.csv; { echo ' Ali, 1, Dammam;'; echo ' Saad, 2, Dammam;'; echo ' Waleed, 3, Al-Dammam;'; echo ' Noura, 4, al-dammam;'; echo ' Sarah
, 5, al-dammam;'; } >> raw_data.csv;
[root@f98b3c176660 advance_command_lab]# uptime | tee uptime.txt
10:47:29 up 9:56, 0 users, load average: 0.07, 0.03, 0.01
[root@f98b3c176660 advance_command_lab]# sort students.csv -o students.csv
[root@f98b3c176660 advance_command_lab]# cat students.csv
Ali, 1, Riyadh;
Noura, 4, Makkah;
Saad, 2, Jeddah;
Sarah, 5, Yanbu;
Waleed, 3, Dammam;
[root@f98b3c176660 advance_command_lab]# |
```

- Use cut command to concat the first and last name and add space in between and semicolon at the end of the records in the csv file we created earlier (names.csv) and save the content to another file called **full_name.csv**

```
[root@f98b3c176660 advance_command_lab]# cut -d '-' -f 1,2 names.csv
| sed 's/-/ /;s$/ /' > full_name.csv
[root@f98b3c176660 advance_command_lab]# cat full_name.csv
Ali Ahmad;
Ali Khaled;
Waleed Fahad;
Noura Saad;
Sarah Mohammed;
[root@f98b3c176660 advance_command_lab]#
```