

## Linux-working-with-advance-commands-task

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 | ).

```
[root@78e8b6979d0f advance_command_lab]# uptime |tee test.txt
10:45:49 up 6:57, 0 users, load average: 0.06, 0.05, 0.01
[root@78e8b6979d0f advance_command_lab]# cat test.txt
10:45:49 up 6:57, 0 users, load average: 0.06, 0.05, 0.01
[root@78e8b6979d0f advance_command_lab]# |
```

Use Linux command to sort the content of csv file we created earlier (students.csv) and update the file with the sorted data.

```
[root@78e8b6979d0f advance_command_lab]# sort -b -o students.csv students.csv
[root@78e8b6979d0f advance_command_lab]# cat students.csv
Ali, 1, Riyadh;
Noura, 4, Makkah;
Saad, 2, Jeddah;
Sarah, 5, Yanbu;
Waleed, 3, Dammam;
[root@78e8b6979d0f 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@78e8b6979d0f advance_command_lab]# cut -d, -f1,2 students.csv --output-delimiter=" " names.csv >full_name.csv
[root@78e8b6979d0f advance_command_lab]# cat full_name.csv
Ali 1
Noura 4
Saad 2
Sarah 5
Waleed 3
Ali-Ahmad;
Ali-Khaled;
Waleed-Fahad;
Noura-Saad;
Sarah-Mohammed;
[root@78e8b6979d0f advance_command_lab]# |
```

### additional Challenge:

Use only the sed command or do all the changes in one line to clean the data in the csv file we created earlier (raw\_data.csv). To clean the data unify the city name to Dammam.

```
[root@78e8b6979d0f advance_command_lab]# sed -i 's/Al-Dammam/Dammam/g' raw_data.csv
[root@78e8b6979d0f advance_command_lab]# sed -i 's/al-dammam/Dammam/g' raw_data.csv
[root@78e8b6979d0f advance_command_lab]# cat raw_data.csv
  Ali, 1, Dammam;
  Saad, 2, Dammam;
  Waleed, 3, Dammam;
  Noura, 4, Dammam;
  Sarah, 5, Dammam;
[root@78e8b6979d0f advance_command_lab]# |
```