

UPTIME command using pipe :

```
bash: test.exe: command not found
[root@be286906ce3e advance_command_lab]# uptime | tee test.txt
10:39:36 up 1:31, 0 users, load average: 0.10, 0.18, 0.13
```

Sort the names :

Before sorting :

```
[root@be286906ce3e advance_command_lab]# cat students.csv
Ali, 1, Riyadh;
Saad, 2, Jeddah;
Waleed, 3, Dammam;
Noura, 4, Makkah;
Sarah, 5, Yanbu;
```

After sorting :

```
[root@be286906ce3e advance_command_lab]# sort -o students.csv students.csv
[root@be286906ce3e advance_command_lab]# cat students.csv
Ali, 1, Riyadh;
Noura, 4, Makkah;
Saad, 2, Jeddah;
Sarah, 5, Yanbu;
Waleed, 3, Dammam;
```

Cut command :

```
[root@be286906ce3e advance_command_lab]# cat names.csv
Ali-Ahmad;
Ali-Khaled;
Waleed-Fahad;
Noura-Saad;
Sarah-Mohammed;
Ali-Ahmad;
Ali-Khaled;
Waleed-Fahad;
Noura-Saad;
Sarah-Mohammed;
[root@be286906ce3e advance_command_lab]# cut -d- -f1,2 --output-delimiter=" " names.csv > full_name.csv
[root@be286906ce3e advance_command_lab]# cat full_name.csv
Ali Ahmad;
Ali Khaled;
Waleed Fahad;
Noura Saad;
Sarah Mohammed;
Ali Ahmad;
Ali Khaled;
Waleed Fahad;
Noura Saad;
Sarah Mohammed;
```

Challenge : Sed command :

```
[root@be286906ce3e advance_command_lab]# cat raw_data.csv
Ali, 1, Dammam;
Saad, 2, Dammam;
Waleed, 3, Al-Dammam;
Noura, 4, al-dammam;
Sarah, 5, al-dammam;
Ali, 1, Dammam;
Saad, 2, Dammam;
Waleed, 3, Al-Dammam;
Noura, 4, al-dammam;
Sarah, 5, al-dammam;
[root@be286906ce3e advance_command_lab]# sed -i 's/al-dammam/Dammam/g' raw_data.csv
[root@be286906ce3e advance_command_lab]# cat raw_data.csv
Ali, 1, Dammam;
Saad, 2, Dammam;
Waleed, 3, Al-Dammam;
Noura, 4, Dammam;
Sarah, 5, Dammam;
Ali, 1, Dammam;
Saad, 2, Dammam;
Waleed, 3, Al-Dammam;
Noura, 4, Dammam;
Sarah, 5, Dammam;
[root@be286906ce3e advance_command_lab]# sed -i 's/Al-Dammam/Dammam/g' raw_data.csv
[root@be286906ce3e advance_command_lab]# cat raw_data.csv
Ali, 1, Dammam;
Saad, 2, Dammam;
Waleed, 3, Dammam;
Noura, 4, Dammam;
Sarah, 5, Dammam;
Ali, 1, Dammam;
Saad, 2, Dammam;
Waleed, 3, Dammam;
Noura, 4, Dammam;
Sarah, 5, Dammam;
[root@be286906ce3e advance_command_lab]# |
```