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[root@613ad3767866 ~]# cd ~
[root@613ad3767866 ~]# mkdir advance_command_lab
[root@613ad3767866 ~]# cd advance_command_lab
[root@613ad3767866 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
[root@613ad3767866 advance_command_lab]# { echo ' Ali-Ahmad;'; echo ' Ali-Khaled;'; echo ' Waleed-Fahad;'; echo ' Noura-Saad;'; echo ' Sarah-Mohammed;'; } >> names.csv
[root@613ad3767866 advance_command_lab]# { echo ' Ali, 1, Dammamm;'; echo ' Saad, 2, Dammam;'; echo ' Waleed, 3, Al-Dammam;'; echo ' Noura, 4, al-dammam;'; echo ' Sarah, 5, al-dammamm;'; } >> raw_data.csv
[root@613ad3767866 advance_command_lab]# ls
names.csv raw_data.csv students.csv
[root@613ad3767866 advance_command_lab]# touch wjoud.txt
[root@613ad3767866 advance_command_lab]# ls
names.csv raw_data.csv students.csv wjoud.txt
[root@613ad3767866 advance_command_lab]# uptime |tee wjoud.txt
10:47:46 up 1:08, 0 users, load average: 0.02, 0.01, 0.00
[root@613ad3767866 advance_command_lab]# uptime | tee -a wjoud.txt
10:48:57 up 1:09, 0 users, load average: 0.00, 0.00, 0.00
[root@613ad3767866 advance_command_lab]# uptime | tee wjoud.txt
10:49:04 up 1:09, 0 users, load average: 0.00, 0.00, 0.00
[root@613ad3767866 advance_command_lab]# uptime | tee wjoud.txt
10:50:47 up 1:11, 0 users, load average: 0.00, 0.00, 0.00
[root@613ad3767866 advance_command_lab]# cat wjoud.txt
cat: wjoud.txt: No such file or directory
[root@613ad3767866 advance_command_lab]# cat wjoud.txt
10:50:47 up 1:11, 0 users, load average: 0.00, 0.00, 0.00
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```
[root@613ad3767866 advance_command_lab]# sort -o students.csv students.csv
[root@613ad3767866 advance_command_lab]# cat students.csv
Ali, 1, Riyadh;
Noura, 4, Makkah;
Saad, 2, Jeddah;
Sarah, 5, Yanbu;
Waleed, 3, Dammam;
```

```
Waleed Fahad;
[root@613ad3767866 advance_command_lab]# cut -d, -f1,2 names.csv | tr ',' ' ' | sed 's/-/ /' > full_name.csc
[root@613ad3767866 advance_command_lab]# cat full_name.csc
Ali Ahmad;
Ali Khaled;
Waleed Fahad;
Noura Saad;
Sarah Mohammed;
```

```
[root@613ad3767866 advance_command_lab]# sed -i 's/Dammamm/Dammam/gI; s/al-dammam/Dammam/gI; s/al-dammamm/Dammam/gI' raw_data.csv
[root@613ad3767866 advance_command_lab]# cat raw_data.csv
Ali, 1, Dammam;
Saad, 2, Dammam;
Waleed, 3, Dammam;
Noura, 4, Dammam;
Sarah, 5, Dammam;
[root@613ad3767866 advance_command_lab]#
```