

name: **AZRA KARİN YILMAZ**

student id: *********

Answers to LAB-3 ASSIGNMENT

- 1) Create a directory named CNG111_YourStudentID under desktop and go into that folder and use the pwd command to show your current location.

```
@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369
groups: cannot find name for group ID 3551
e263836@pcroot-HP-METUNCC:/home/e263836$ pwd
/home/e263836
e263836@pcroot-HP-METUNCC:/home/e263836$ cd Desktop/
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop$ mkdir CNG111_2638369
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop$ cd CNG111_2638369
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ pwd
/home/e263836/Desktop/CNG111_2638369
```

- 2) Create a file with vi command named YourStudentID.txt under the CNG111_YourStudentID folder. Write your name, surname, and studentID in this file. Show the contents of this file using the cat command and Include a screenshot of your terminal that contains the vi, cat, and the results of these commands.

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ vi 2638369.txt
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cat 2638369.txt
Azra Karin Yilmaz 2638369
```

- 3) In CNG111_YourStudentID folder, create a folder named Temporary_Folder and copy YourStudentID.txt to that folder and name it as YourStudentID_copy.txt . Include a screenshot of your terminal using these commands.

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ mkdir Temporary_Folder
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cp 2638369.txt /home/e263836/Desktop/CNG111_2638369/Temporary_Folder/
2638369_copy.txt
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cd Temporary_Folder
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ ls
2638369_copy.txt
```

- 4) Show a detailed directory tree of the CNG111_YourStudentID folder. Include a screenshot of your terminal showing the directory tree and your command.

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ cat 2638369_copy.txt
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ cd ..
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ ls -lR
.:
total 8
-rw-r--r-- 1 e263836 3551 27 Eki 27 19:57 2638369.txt
drwxr-xr-x 2 e263836 3551 4096 Eki 27 20:05 Temporary_Folder

./Temporary_Folder:
total 4
-rw-r--r-- 1 e263836 3551 27 Eki 27 20:05 2638369_copy.txt
```

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cp 2638369.txt /home/e263836/Desktop/CNG111_2638369,
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cd Temporary_Folder
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ mv 2638369_copy.txt /home/e263836/Desktop/CNG111_2638369
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ ls
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ cd ..
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ ls
2638369_copy.txt 2638369.txt Temporary_Folder
```

- 6) Delete the Temporary_Folder. You can just write the command for this question. You do not have to include a screenshot.

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ rmdir Temporary_Folder
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ ls
2638369_copy.txt 2638369.txt
```

- 7) Search for the first two letters of your name in the CNG111_YourStudentID.txt file and redirect the results in CNG111_YourStudentID_copy.txt file without deleting its contents. Show the contents of both files(The original and the copy) using the cat command. Include a screenshot of your terminal showing your answers and the results of the cat command

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cat 2638369.txt
Azra Karin Yilmaz 2638369
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ grep -i "Az" 2638369.txt >> 2638369_copy.txt
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cat 2638369_copy.txt
Azra Karin Yilmaz 2638369
Azra Karin Yilmaz 2638369
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ cat 2638369.txt
Azra Karin Yilmaz 2638369
```

- 8) Delete the CNG111_YourStudentID.txt file.

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ rm 2638369.txt
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ ls
2638369_copy.txt
```

- 9) Display the count of lines, words, and characters of the CNG111_YourStudentID_copy.txt file.

```
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$ wc 2638369_copy.txt
 2  8 54 2638369_copy.txt
e263836@pcroot-HP-METUNCC:/home/e263836/Desktop/CNG111_2638369$
```

BONUS:

```
s@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369
groups: cannot find name for group ID 3551
e263836@pcroot-HP-METUNCC: /home/e263836$ pwd
/home/e263836
e263836@pcroot-HP-METUNCC: /home/e263836$ cd Desktop/
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop$ mkdir CNG111_2638369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop$ cd CNG111_2638369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ pwd
/home/e263836/Desktop/CNG111_2638369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ vi 2638369.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cat 2638369.txt
Azra Karin Yilmaz 2638369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ mkdir Temporary_Folder
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cp 2638369.txt /home/e263836/Desktop/CNG111_2638369/Temporary_Folder/
2638369_copy.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cd Temporary_Folder
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ ls
2638369_copy.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ cat 263836_copy.txt
cat: 263836_copy.txt: No such file or directory
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ cat 2638369_copy.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ cd ..
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ ls -lR
.:
total 8
-rw-r--r-- 1 e263836 3551 27 Eki 27 19:57 2638369.txt
drwxr-xr-x 2 e263836 3551 4096 Eki 27 20:05 Temporary_Folder

./Temporary_Folder:
total 4
-rw-r--r-- 1 e263836 3551 27 Eki 27 20:05 2638369_copy.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cp 2638369.txt /home/e263836/Desktop/CNG111_2638369
cp: '2638369.txt' and '/home/e263836/Desktop/CNG111_2638369/2638369.txt' are the same file
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cp 2638369.txt /home/e263836/Desktop/CNG111_2638369,
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cd Temporary_Folder
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ mv 2638369_copy.txt /home/e263836/Desktop/CNG111_263
8369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ ls
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369/Temporary_Folder$ cd ..
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ ls
2638369_copy.txt 2638369.txt Temporary_Folder
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ rmdir Temporary_Folder
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ ls
2638369_copy.txt 2638369.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cat 2638369.txt
Azra Karin Yilmaz 2638369
^Z
[1]+  Stopped                  cat
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cat 2638369.txt
Azra Karin Yilmaz 2638369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ grep -i "Az" 2638369.txt >> 2638369_copy.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cat 2638369_copy.txt
Azra Karin Yilmaz 2638369
Azra Karin Yilmaz 2638369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ cat 2638369.txt
Azra Karin Yilmaz 2638369
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ rm 2638369.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ ls
2638369_copy.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ wc 2638369.txt
wc: 2638369.txt: No such file or directory
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$ wc 2638369_copy.txt
 2  8 54 2638369_copy.txt
e263836@pcroot-HP-METUNCC: /home/e263836/Desktop/CNG111_2638369$
```