National Textile University

Department of Computer Science

Subject: Operating System

Submitted to: Nasir Mahmood

Submitted by: Eemaan Fatima

Reg number:23-NTU-CS-1146

Assignment No.1

Semester:5th

Lab manual 02

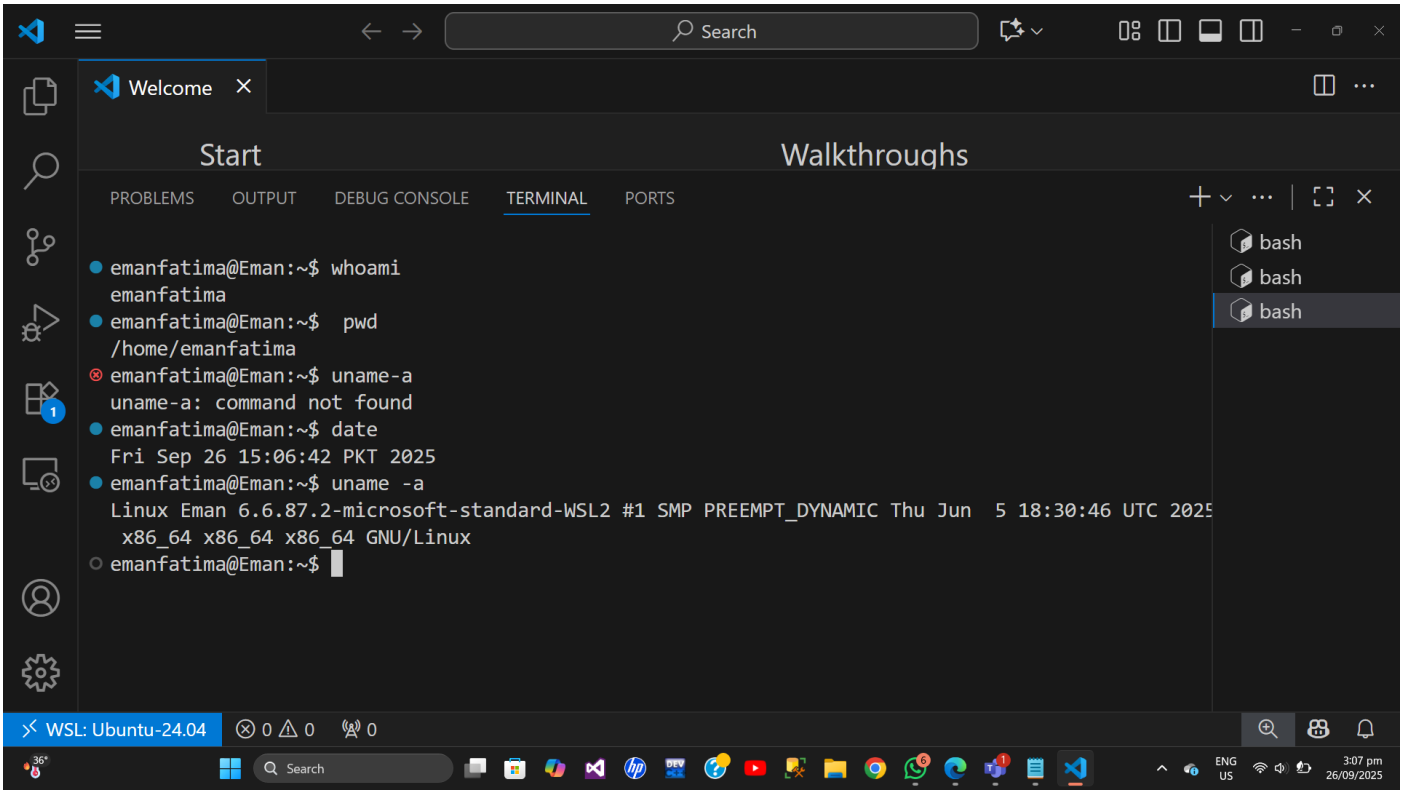
Task 1.1:

Whoami : this comand check the user of the ubuntu .

Pwd : it shows the current directory

Uname -a : it shows the system information.

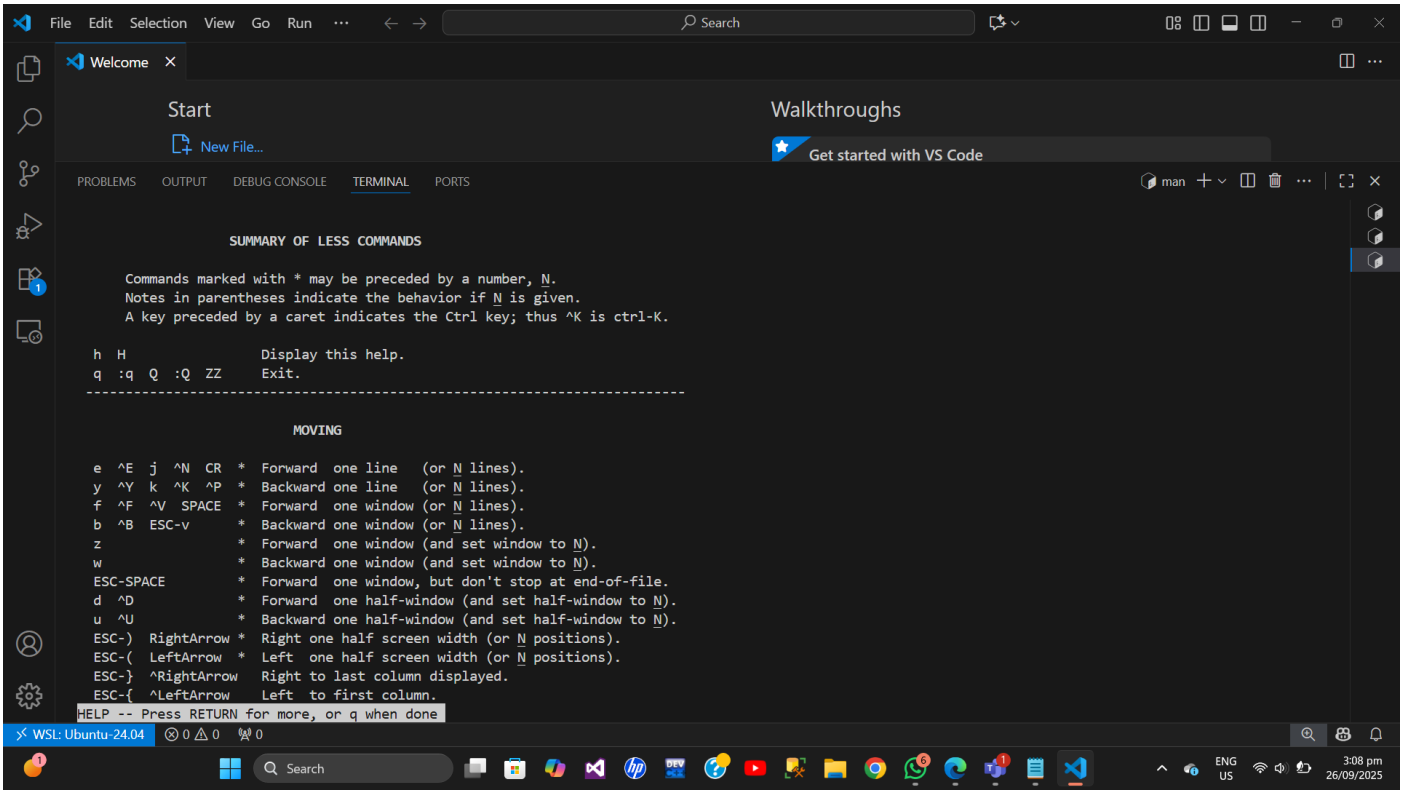
Date : this comand shows the current date .



Task 1.2 :

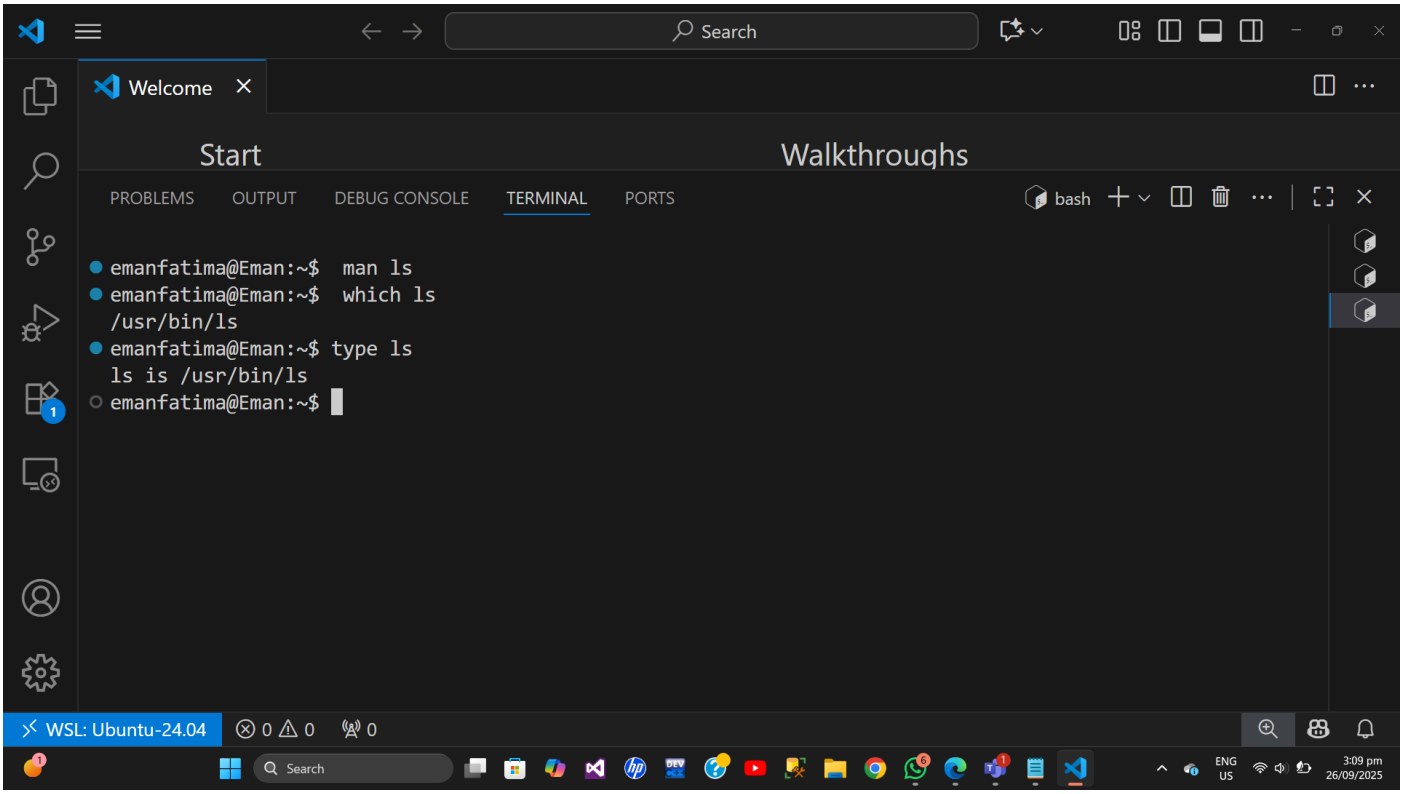
Man ls : this comand show the manual of the comands .

Ls help : provide a short summary (help).



Which ls : this comand shows the location of the comands .which is in bin

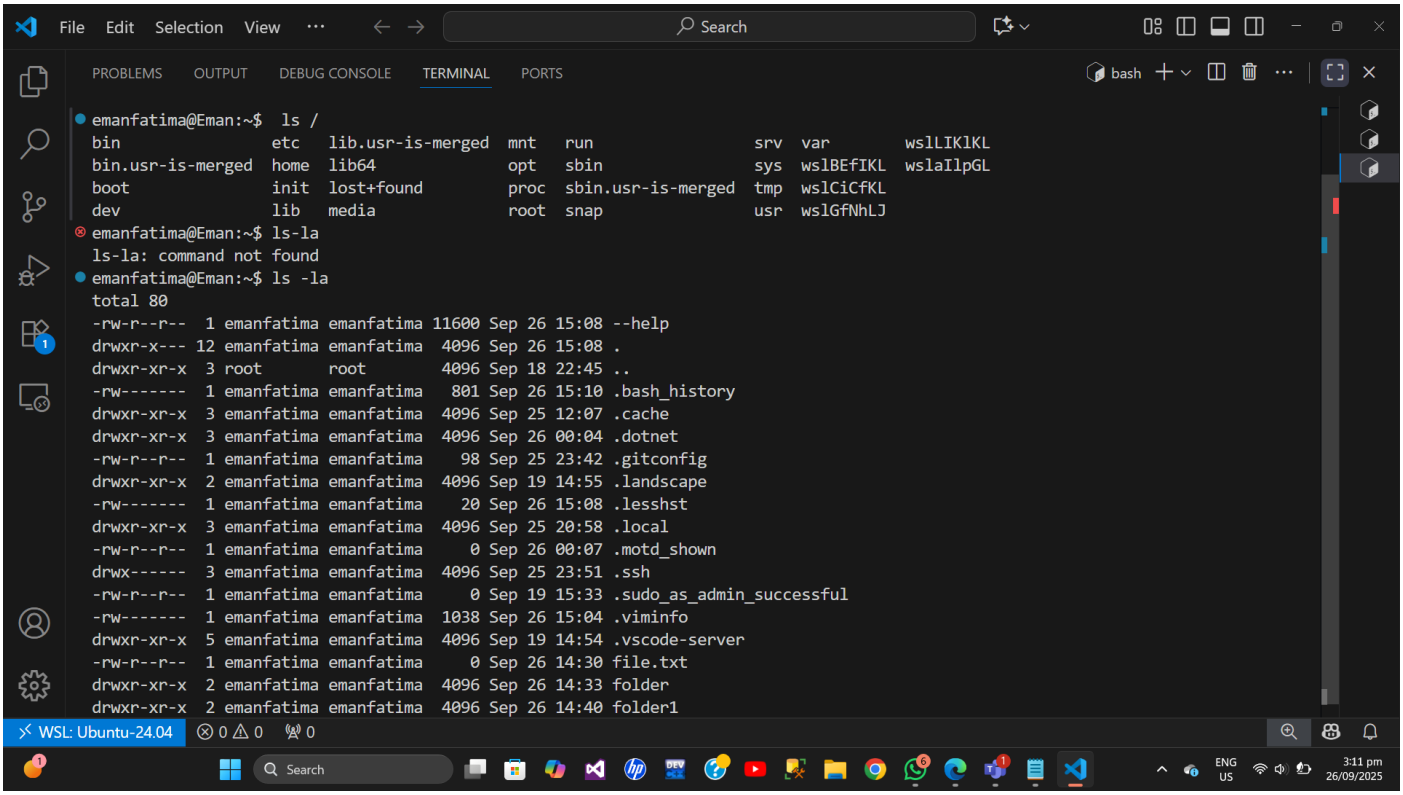
Type ls : provide information about the ls comand . in which folder it exits



Task 2.1

Ls : show the root directory contents

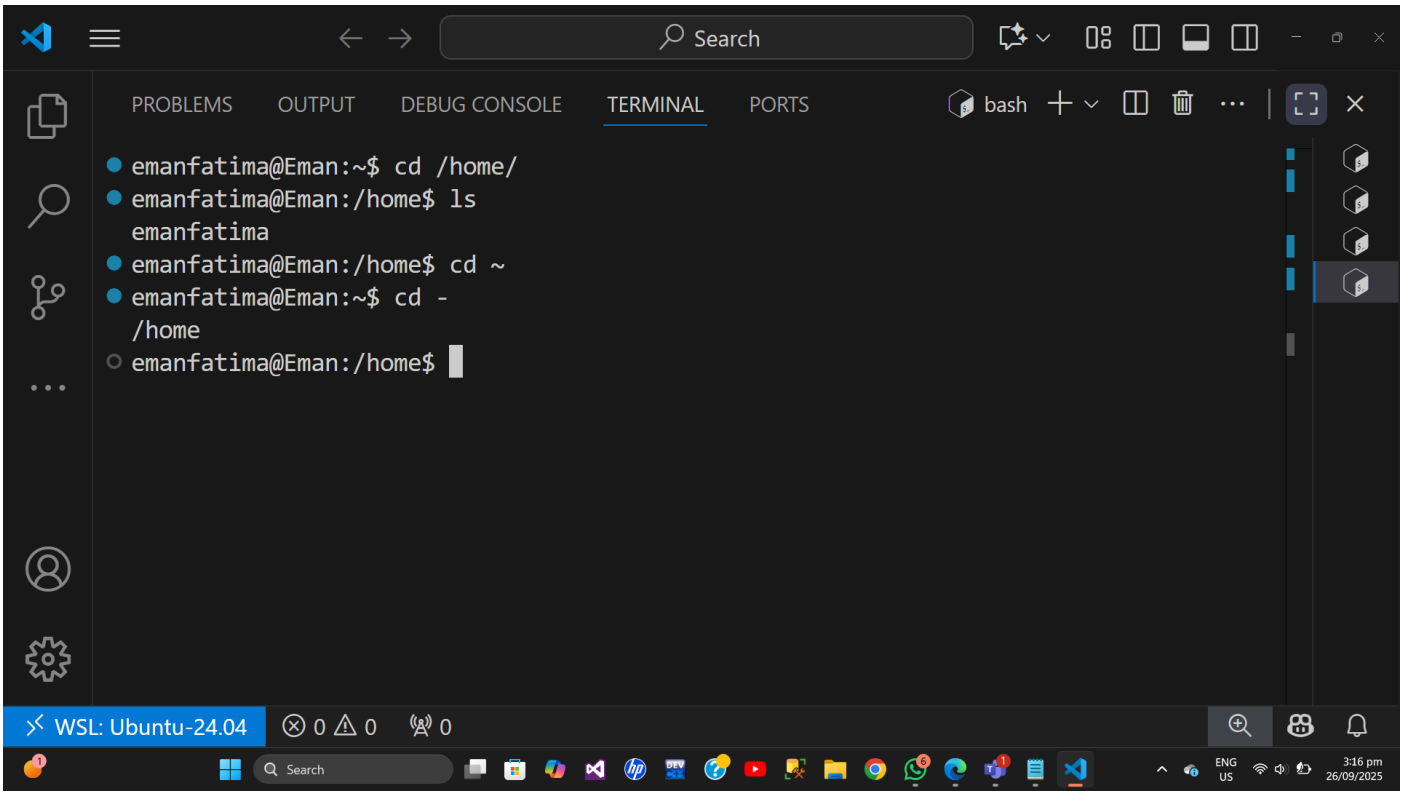
Ls -la : show hidden files



Cd /home : this comand shows the home directory in which all users arem present .

Cd ~ : this will go to home directory

cd- : go to previous directory



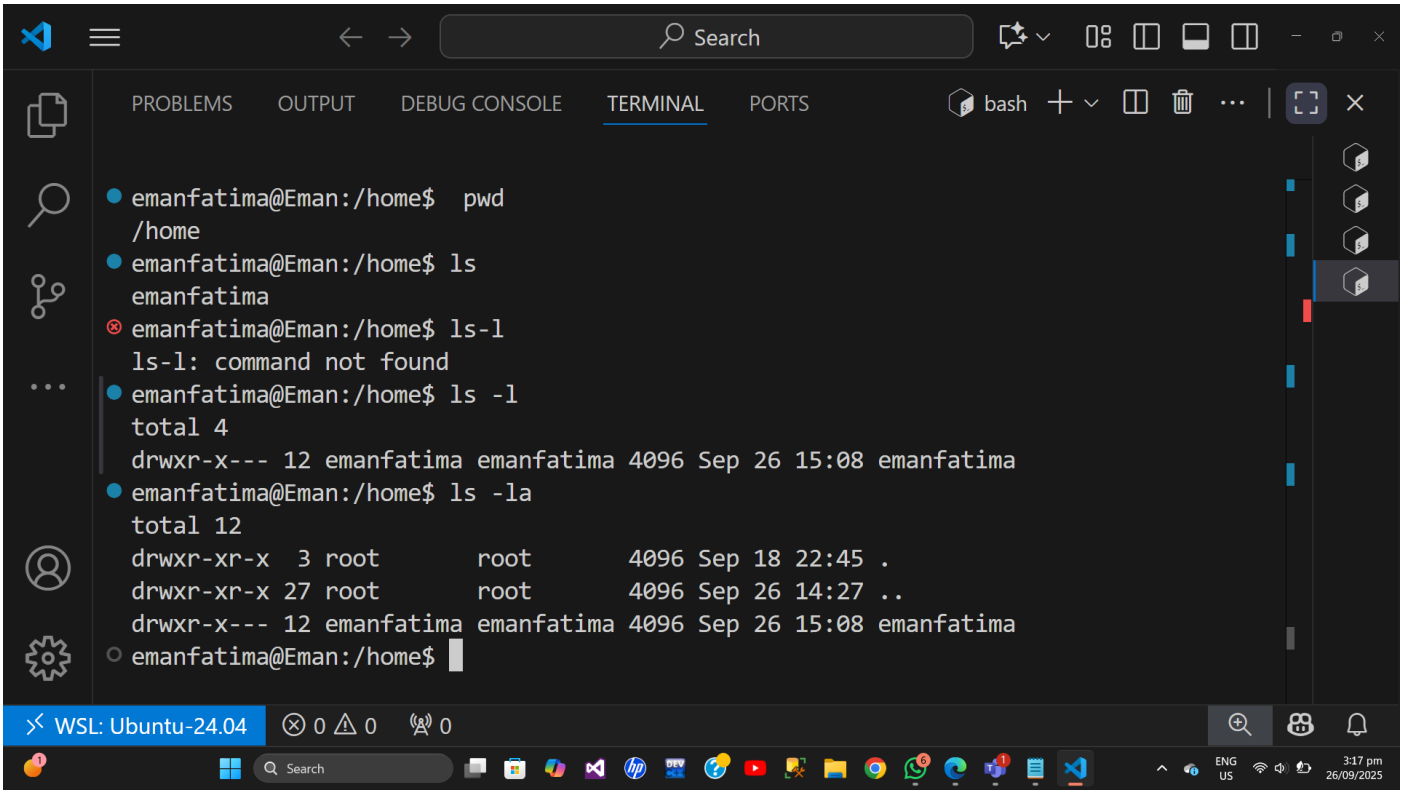
Task 2.2:

Pwd ; present directory

Ls : show list of directory

Ls -l: show long format of files content

Ls -la : this shows hideen files .



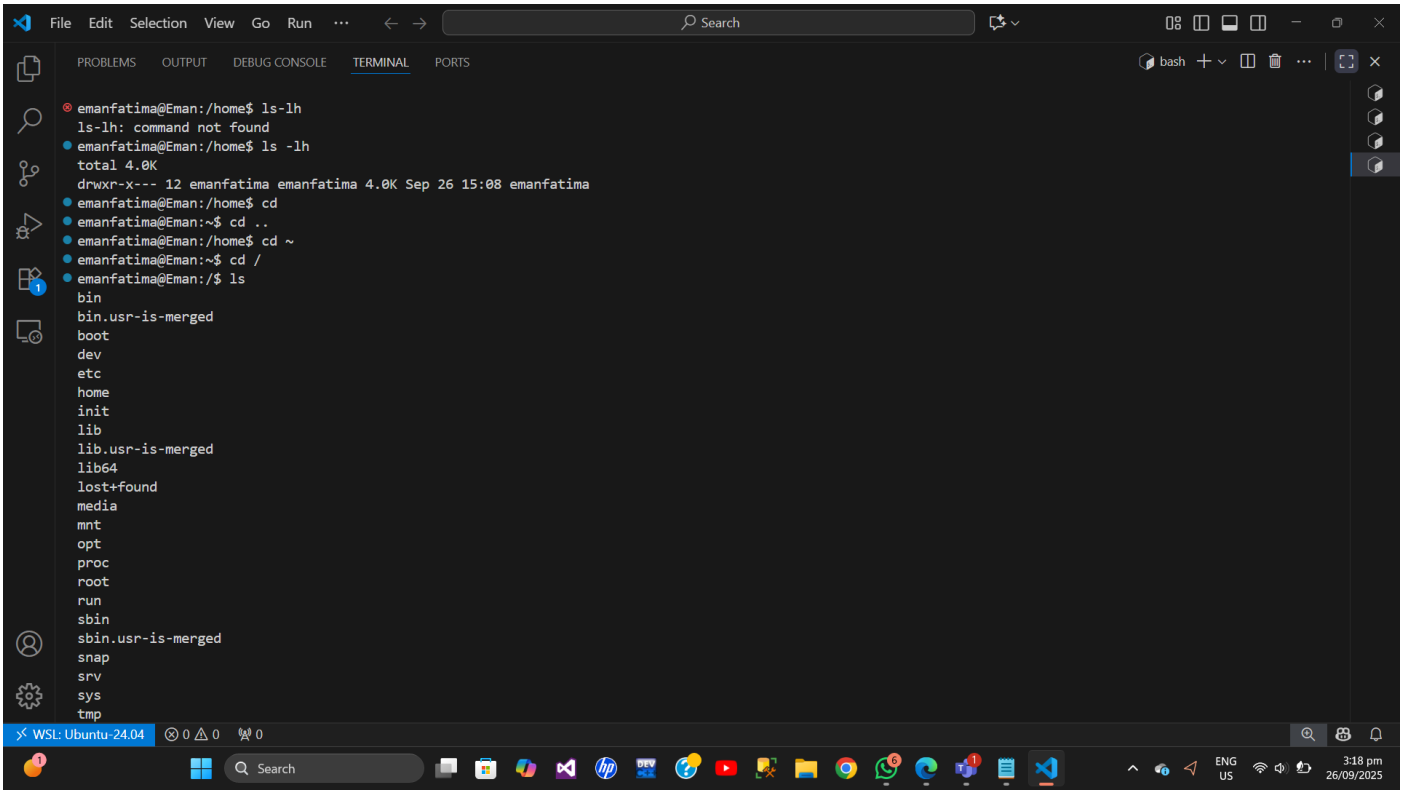
Ls -lh : this shows a list of files in human readable form

Cd : chnage the directory

Cd .. : go to parent directory

Cd ~ : go to home directory

Cd / : show the root directory



Task 3.1 :

Mkdir : create the new directory

Mkdir -p task 3/sub/dir : create the nested directory .

Touch : this cmand creat enew file .

Touch file.txt file3.txt : create multiple files

Nano : this comand also createb the new file

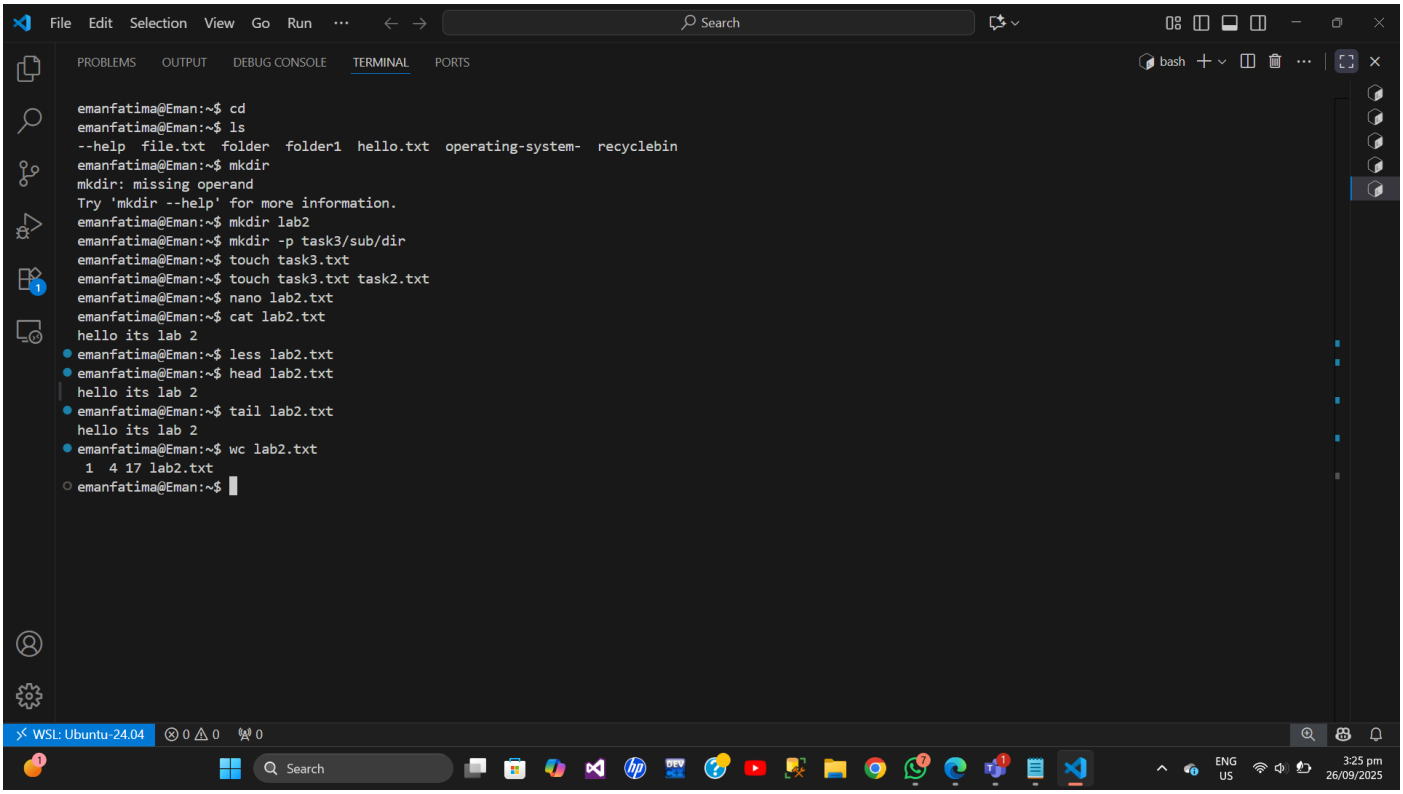
Cat: it shows the file contents

Less : page through files

Head : show first 10 lines of files

Tail : last 10 words

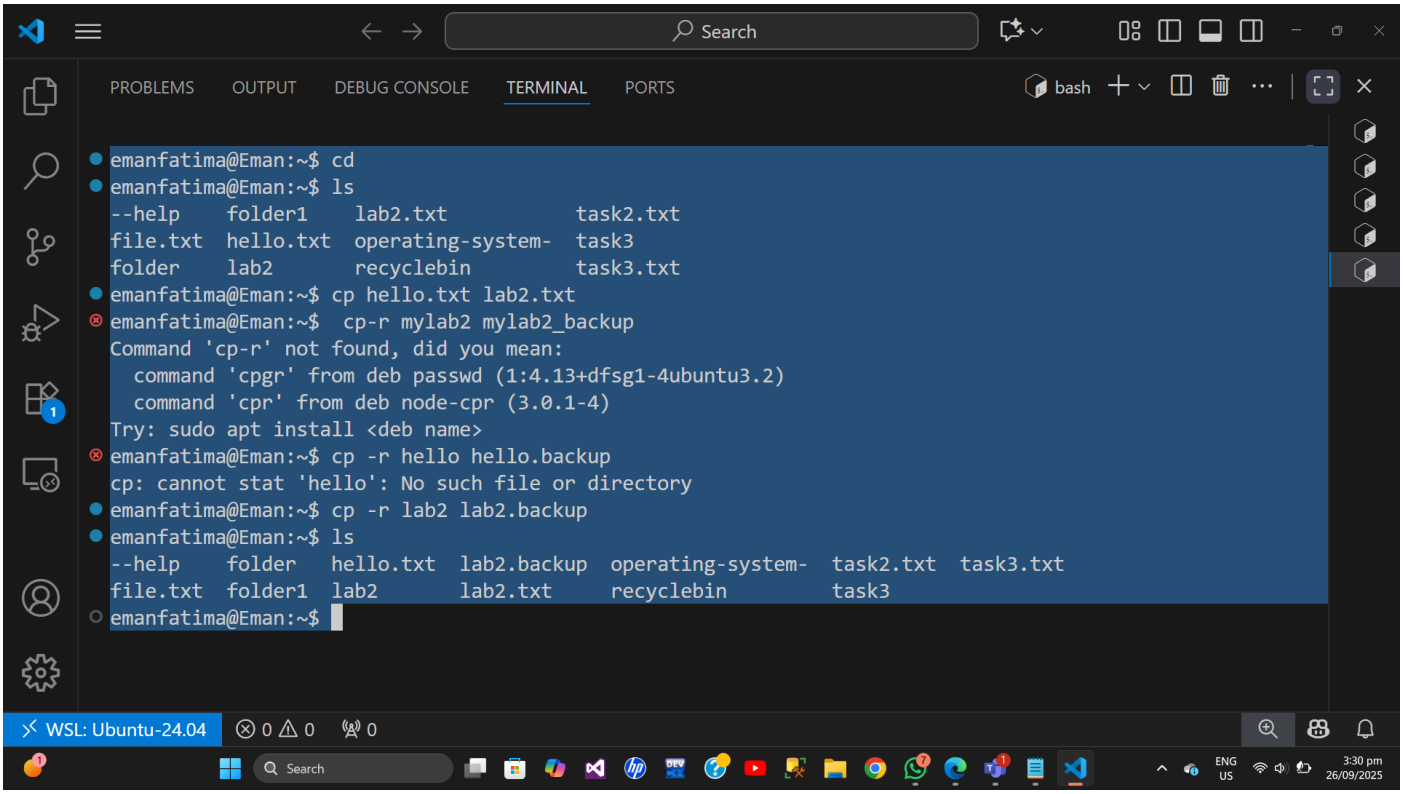
Wc : count the words of file



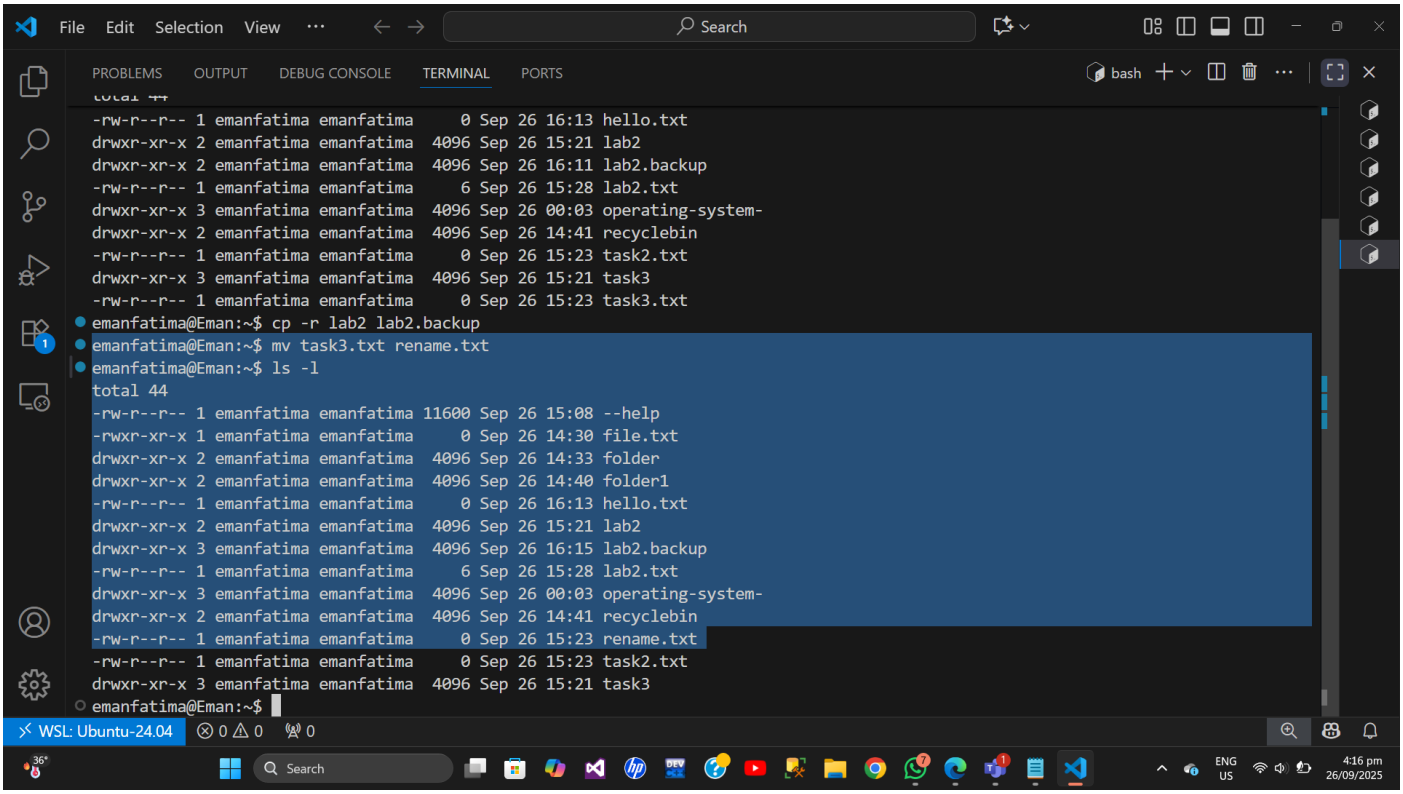
Task :

Cp hello.txt lab2.txt : it copies the file from one to other

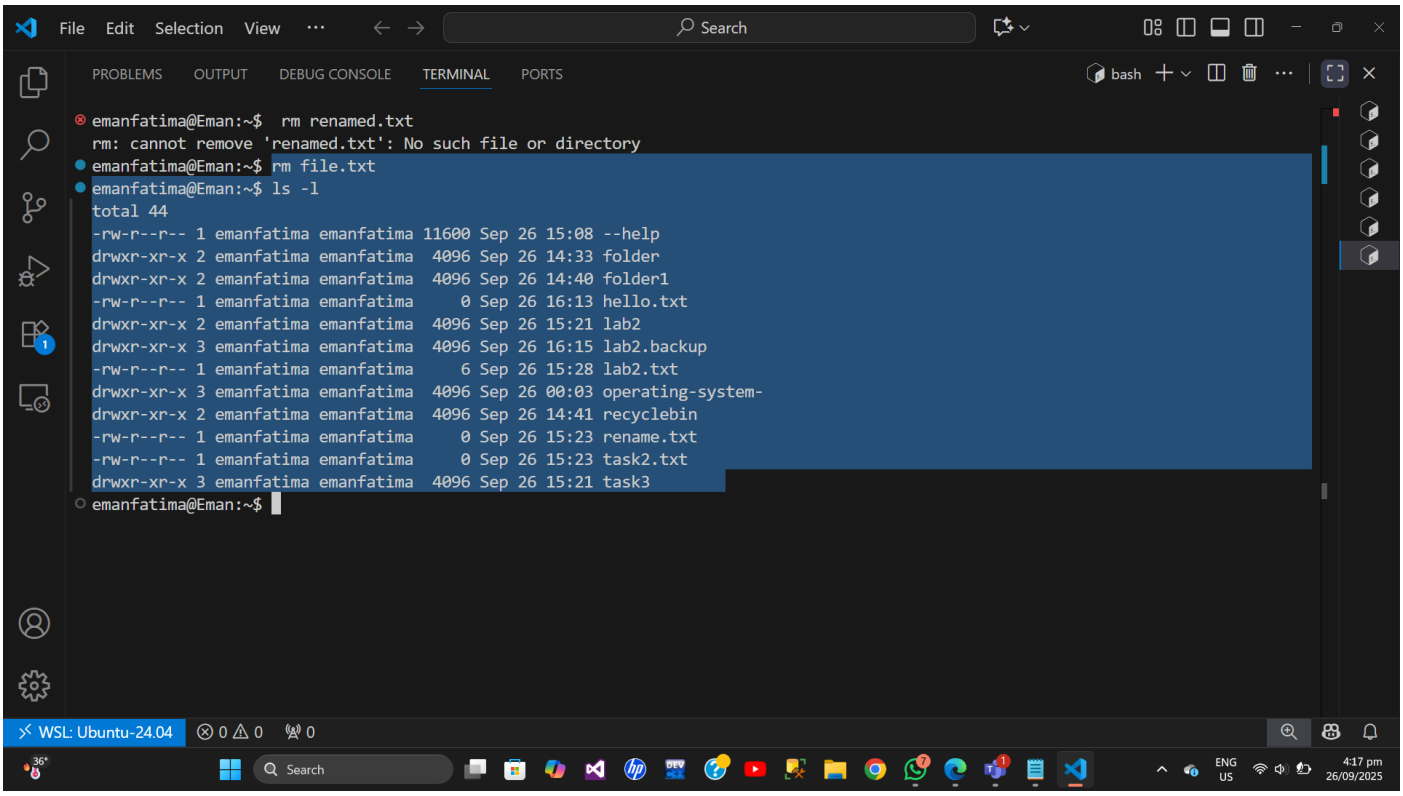
Cp -r lab2 lab2.backup : it copies the directory



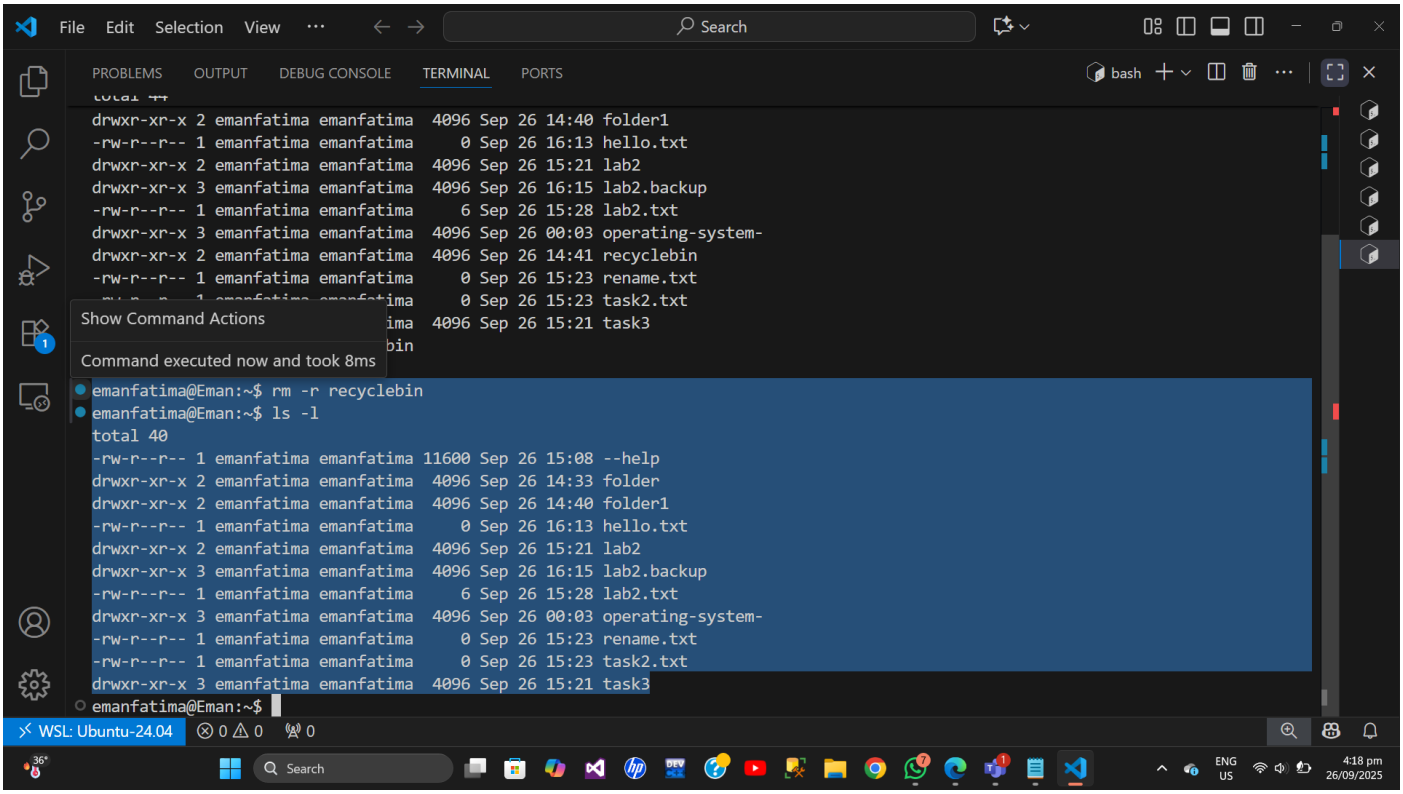
Mv task3.txt rename .txt : it basically rename the file



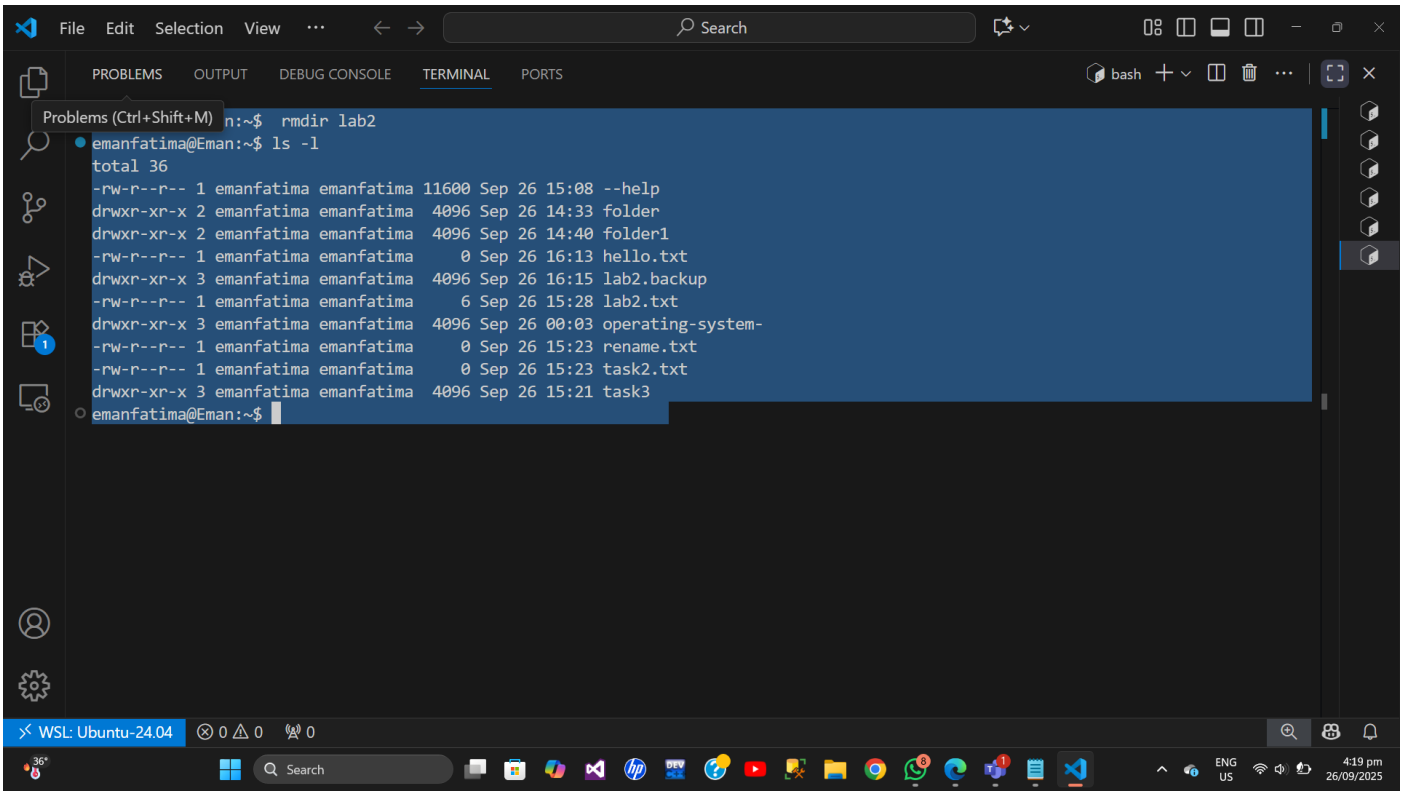
Rm file.txt : remove the file from list



Rm – r recycle : remove the directory from lsit

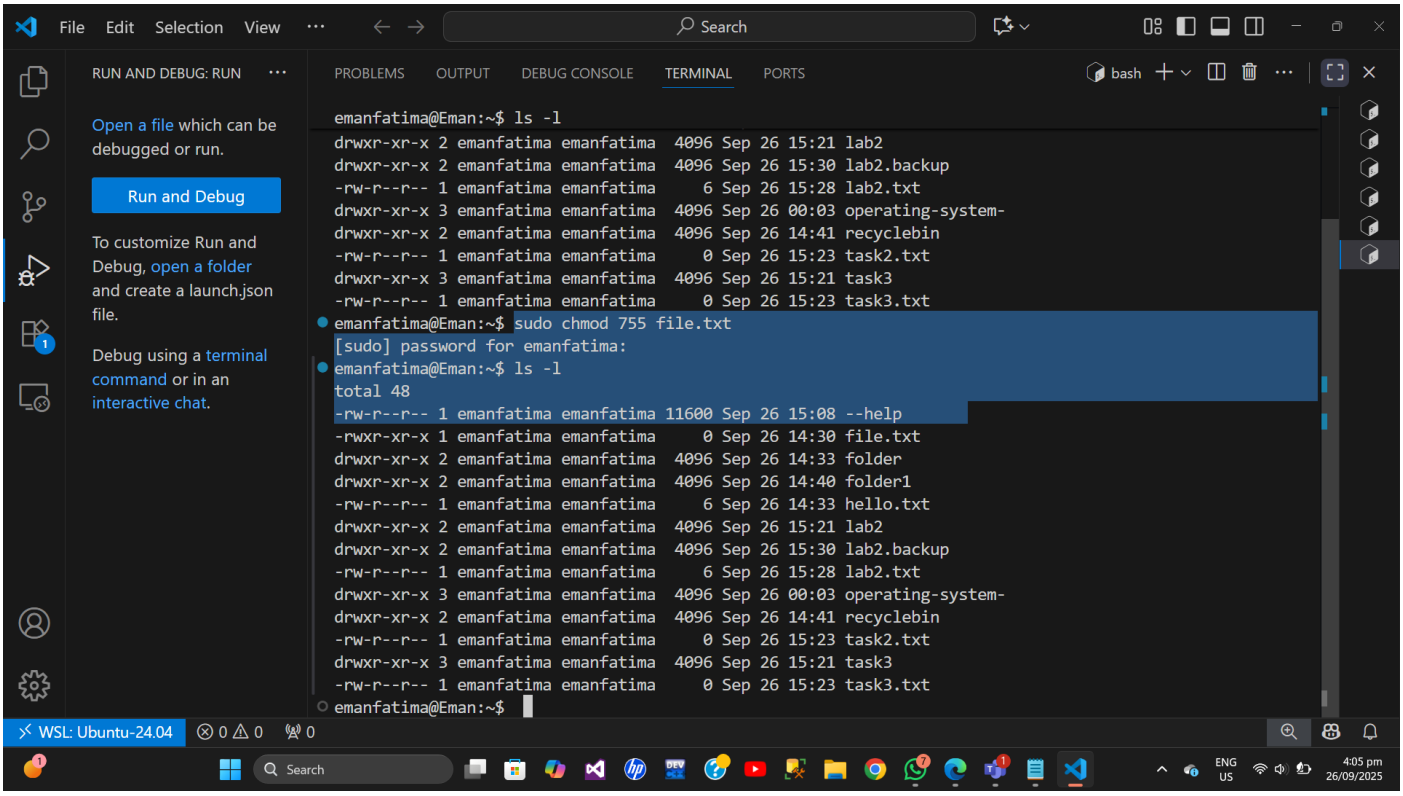


Rmdir lab2: remove the empty file from lsit

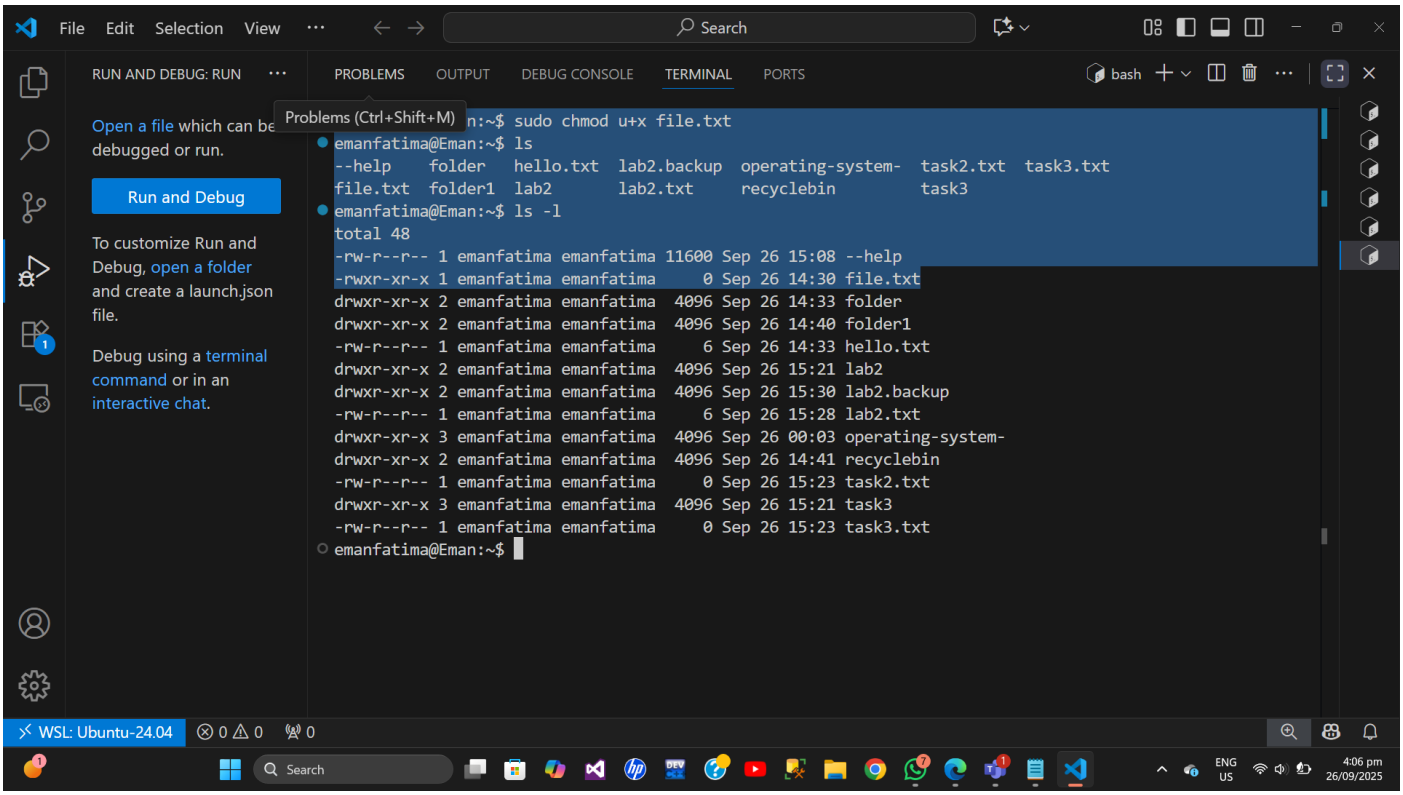


Task 3.3:

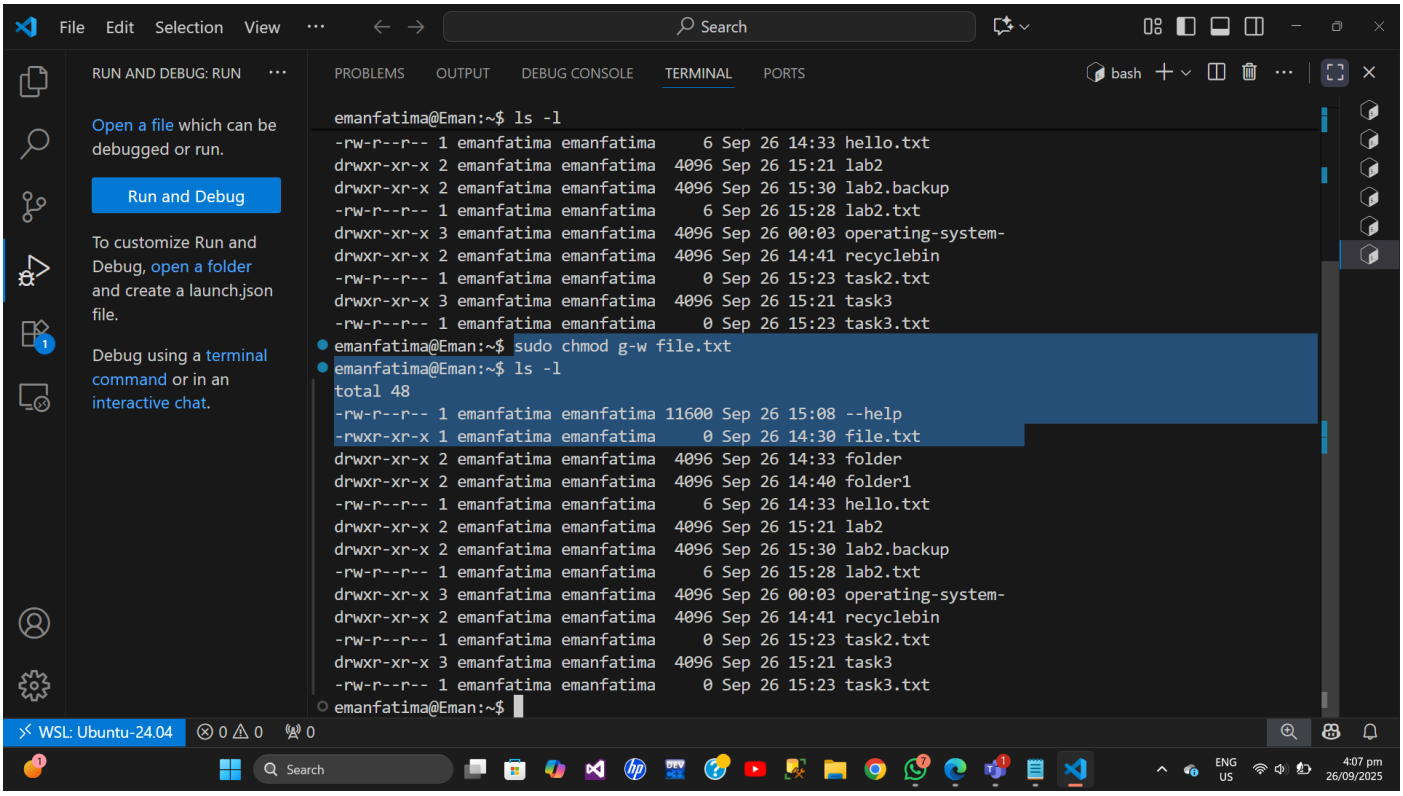
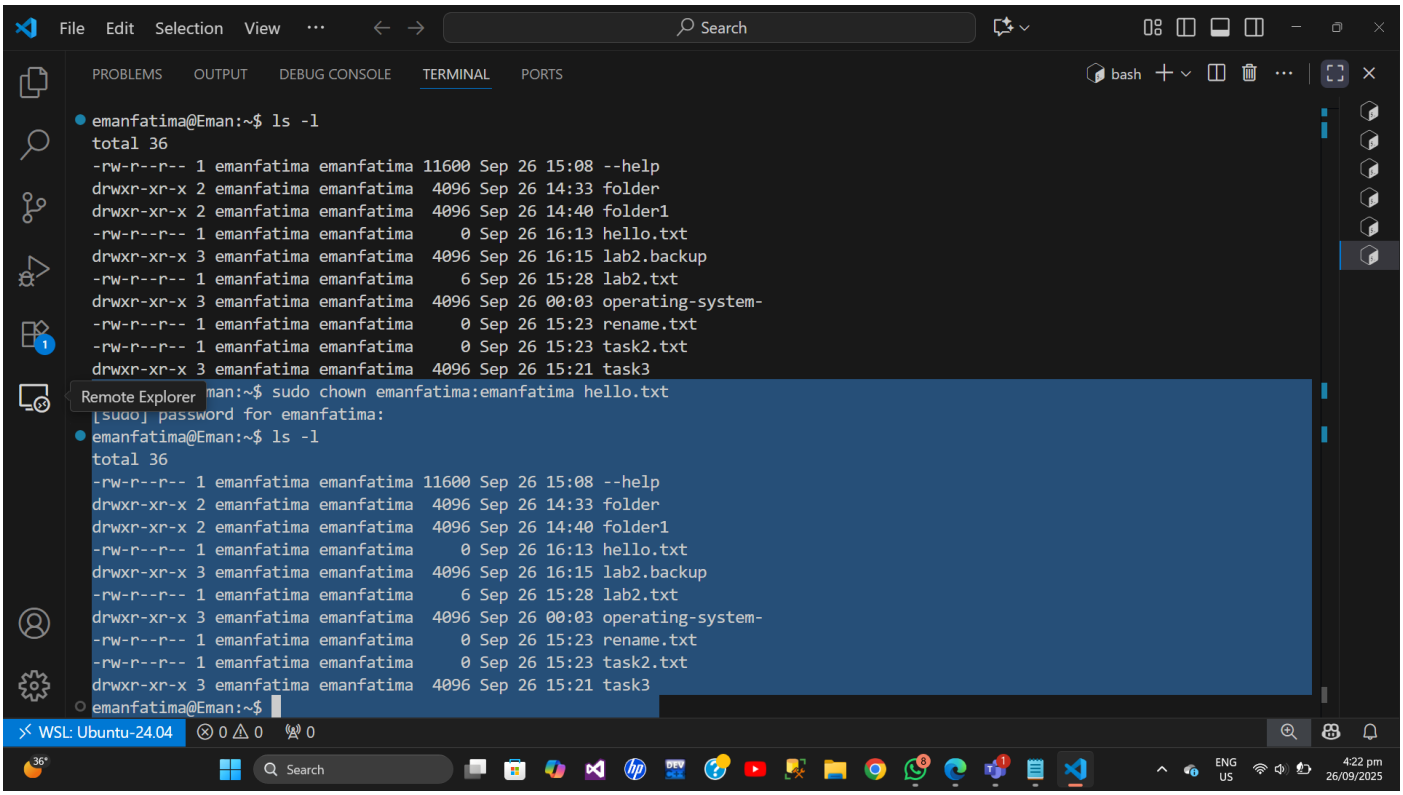
Sudo chomd 755 file.txt : it gives the right to user



Sudo chomd u+x : gives user the execute rights



Sudo chomd g-w file.txt : it giives rights to grop



Sudo chown emanfatima : emanfatima hello.txt : it gives ownership of file to respected user .