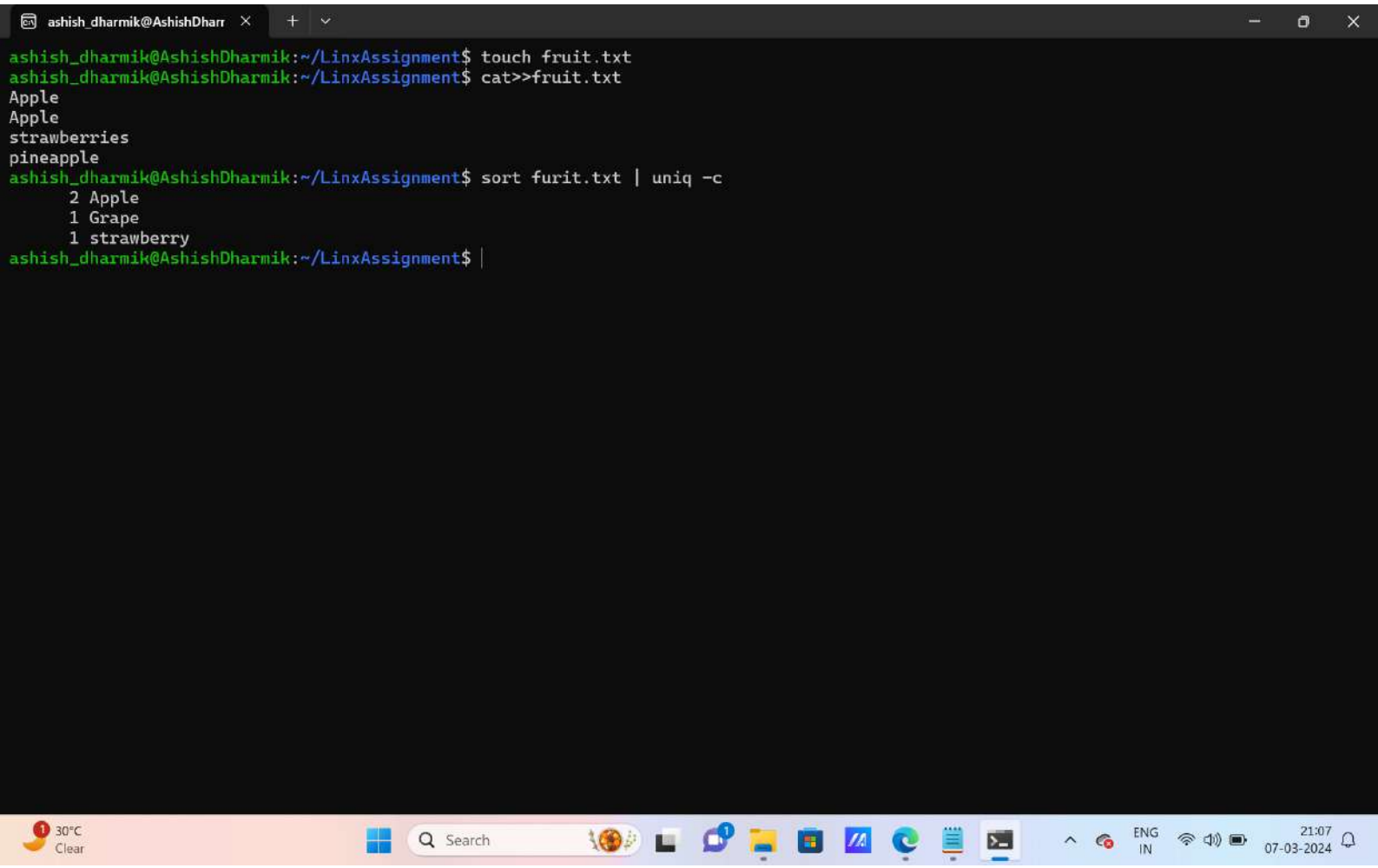
ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~/LinxAssignment$ touch fruit.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat>>fruit.txt
Apple
Apple
strawberries
pineapple
ashish_dharmik@AshishDharmik:~/LinxAssignment$ sort furit.txt | uniq -c
2 Apple
1 Grape
1 strawberry
ashish_dharmik@AshishDharmik:~/LinxAssignment$
30°C
Clear
Search
ENG
IN
21:07
07-03-2024

ashish_dharmik@AshishDharr

```
ashish_dharmik@AshishDharmik:~/LinxAssignment$ sort data.txt | uniq
The Linux Operating System is a type of operating system that is similar to Unix, and it is built upon the Linux Kernel. The Linux Ke
rnel is like the brain of the operating system because it manages how the computer interacts with its hardware and resources. It make
s sure everything works smoothly and efficiently. But the Linux Kernel alone is not enough to make a complete operating system. To cr
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her called Linux distributions. These distributions make the Linux Operating System ready for users to run their applications and per
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is open for everyone to explore and modify. This openness encourages people from all over the world to work together and make Linux b
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ctive, which means it doesn't cost a lot to use. Lots of people love Linux, and they're part of a big community where they share idea
s and help each other out. As technology keeps moving forward, Linux will keep evolving and staying important in the world of compute
rsLinux distribution is an operating system that is made up of a collection of software based on Linux kernel or you can say distribu
tion contains the Linux kernel and supporting libraries and software. And you can get Linux based operating system by downloading one
 of the Linux distributions and these distributions are available for different types of devices like embedded devices, personal comp
uters, etc. Around 600 + Linux Distributions are available and some of the popular Linux distributions are:
ashish_dharmik@AshishDharmik:~/LinxAssignment$
```

ashish_dharmik@AshishDharr

The Linux Operating System is a type of operating system that is similar to Unix, and it is built upon the Linux Kernel. The Linux Kernel is like the brain of the operating system because it manages how the computer interacts with its hardware and resources. It makes sure everything works smoothly and efficiently. But the Linux Kernel alone is not enough to make a complete operating system. To create a full and functional system, the Linux Kernel is combined with a collection of software packages and utilities, which are together called Linux distributions. These distributions make the Linux Operating System ready for users to run their applications and perform tasks on their computers securely and effectively. Linux distributions come in different flavors, each tailored to suit the specific needs and preferences of users.Linux is a powerful and flexible family of operating systems that are free to use and share. It was created by a person named Linus Torvalds in 1991. What's cool is that anyone can see how the system works because its source code is open for everyone to explore and modify. This openness encourages people from all over the world to work together and make Linux better and better. Since its beginning, Linux has grown into a stable and safe system used in many different things, like computers, smartphones, and big supercomputers. It's known for being efficient, meaning it can do a lot of tasks quickly, and it's also cost-effective, which means it doesn't cost a lot to use. Lots of people love Linux, and they're part of a big community where they share ideas and help each other out. As technology keeps moving forward, Linux will keep evolving and staying important in the world of computersLinux distribution is an operating system that is made up of a collection of software based on Linux kernel or you can say distribution contains the Linux kernel and supporting libraries and software. And you can get Linux based operating system by downloading one of the Linux distributions and these distributions are available for different types of devices like embedded devices, personal computers, etc. Around 600 + Linux Distributions are available and some of the popular Linux distributions are:ashish_dharmik@AshishDharmik:~/LinxAssignment$ tr 'a-z' 'A-Z' < data.txt > output.txt

ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat output.txt

THE LINUX OPERATING SYSTEM IS A TYPE OF OPERATING SYSTEM THAT IS SIMILAR TO UNIX, AND IT IS BUILT UPON THE LINUX KERNEL. THE LINUX KERNEL IS LIKE THE BRAIN OF THE OPERATING SYSTEM BECAUSE IT MANAGES HOW THE COMPUTER INTERACTS WITH ITS HARDWARE AND RESOURCES. IT MAKES SURE EVERYTHING WORKS SMOOTHLY AND EFFICIENTLY. BUT THE LINUX KERNEL ALONE IS NOT ENOUGH TO MAKE A COMPLETE OPERATING SYSTEM. TO CREATE A FULL AND FUNCTIONAL SYSTEM, THE LINUX KERNEL IS COMBINED WITH A COLLECTION OF SOFTWARE PACKAGES AND UTILITIES, WHICH ARE TOGETHER CALLED LINUX DISTRIBUTIONS. THESE DISTRIBUTIONS MAKE THE LINUX OPERATING SYSTEM READY FOR USERS TO RUN THEIR APPLICATIONS AND PERFORM TASKS ON THEIR COMPUTERS SECURELY AND EFFECTIVELY. LINUX DISTRIBUTIONS COME IN DIFFERENT FLAVORS, EACH TAILORED TO SUIT THE SPECIFIC NEEDS AND PREFERENCES OF USERS.LINUX IS A POWERFUL AND FLEXIBLE FAMILY OF OPERATING SYSTEMS THAT ARE FREE TO USE AND SHARE. IT WAS CREATED BY A PERSON NAMED LINUS TORVALDS IN 1991. WHAT'S COOL IS THAT ANYONE CAN SEE HOW THE SYSTEM WORKS BECAUSE ITS SOURCE CODE IS OPEN FOR EVERYONE TO EXPLORE AND MODIFY. THIS OPENNESS ENCOURAGES PEOPLE FROM ALL OVER THE WORLD TO WORK TOGETHER AND MAKE LINUX BETTER AND BETTER. SINCE ITS BEGINNING, LINUX HAS GROWN INTO A STABLE AND SAFE SYSTEM USED IN MANY DIFFERENT THINGS, LIKE COMPUTERS, SMARTPHONES, AND BIG SUPERCOMPUTERS. IT'S KNOWN FOR BEING EFFICIENT, MEANING IT CAN DO A LOT OF TASKS QUICKLY, AND IT'S ALSO COST-EFFECTIVE, WHICH MEANS IT DOESN'T COST A LOT TO USE. LOTS OF PEOPLE LOVE LINUX, AND THEY'RE PART OF A BIG COMMUNITY WHERE THEY SHARE IDEAS AND HELP EACH OTHER OUT. AS TECHNOLOGY KEEPS MOVING FORWARD, LINUX WILL KEEP EVOLVING AND STAYING IMPORTANT IN THE WORLD OF COMPUTERSLINUX DISTRIBUTION IS AN OPERATING SYSTEM THAT IS MADE UP OF A COLLECTION OF SOFTWARE BASED ON LINUX KERNEL OR YOU CAN SAY DISTRIBUTION CONTAINS THE LINUX KERNEL AND SUPPORTING LIBRARIES AND SOFTWARE. AND YOU CAN GET LINUX BASED OPERATING SYSTEM BY DOWNLOADING ONE OF THE LINUX DISTRIBUTIONS AND THESE DISTRIBUTIONS ARE AVAILABLE FOR DIFFERENT TYPES OF DEVICES LIKE EMBEDDED DEVICES, PERSONAL COMPUTERS, ETC. AROUND 600 + LINUX DISTRIBUTIONS ARE AVAILABLE AND SOME OF THE POPULAR LINUX DISTRIBUTIONS ARE:ashish_dharmik@AshishDharmik:~/LinxAssignment$

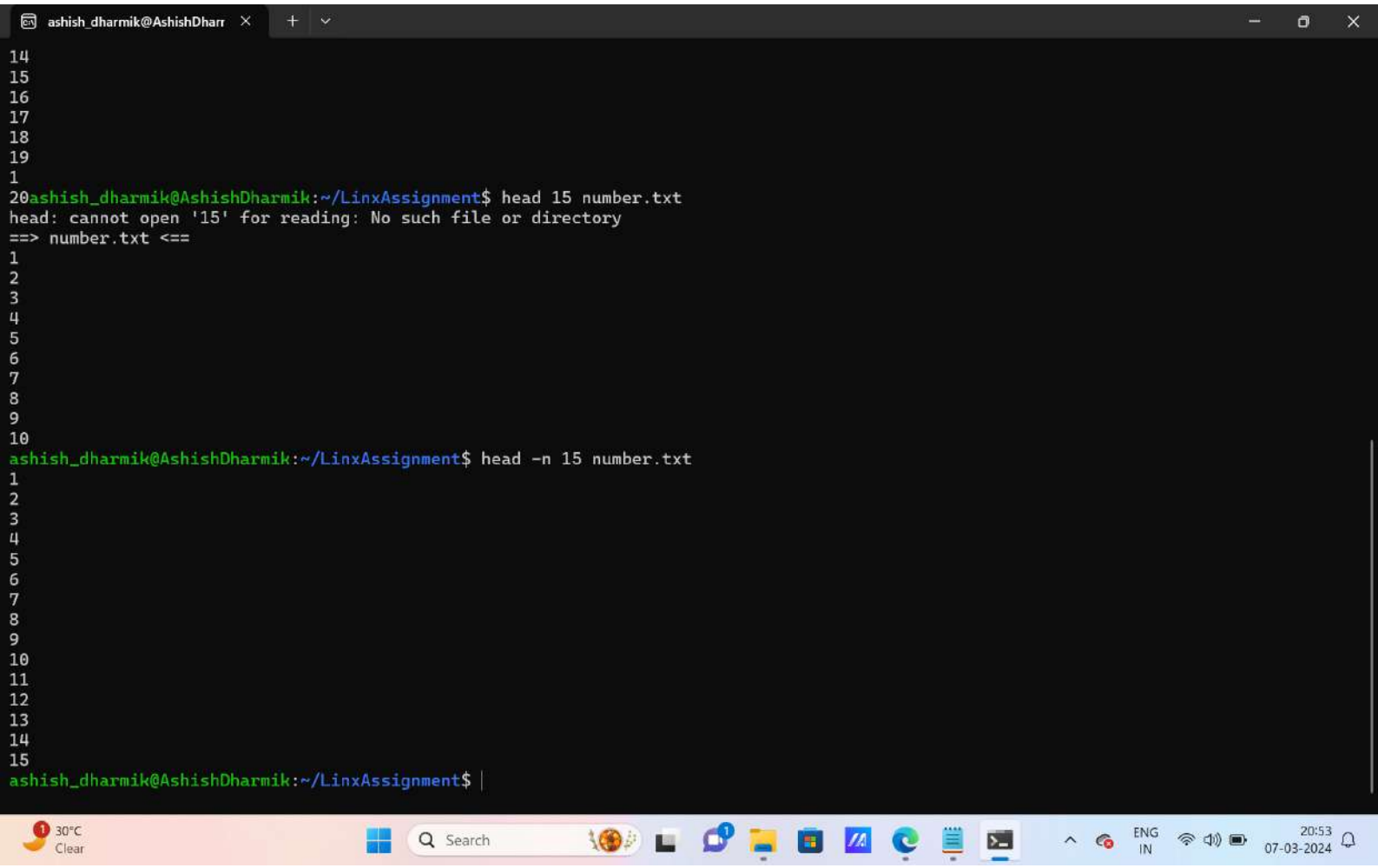
```
ashish_dharmik@AshishDharr
17
18
19
1
20ashish_dharmik@AshishDharmik:~/LinxAssignment$ head 15 number.txt
head: cannot open '15' for reading: No such file or directory
==> number.txt <==
1
2
3
4
5
6
7
8
9
10
ashish_dharmik@AshishDharmik:~/LinxAssignment$ head -n 15 number.txt
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
ashish_dharmik@AshishDharmik:~/LinxAssignment$ tail -n 3 number.txt
19
1
20ashish_dharmik@AshishDharmik:~/LinxAssignment$
```

30°C Clear

Search

ENG IN

20:53 07-03-2024


ashish_dharmik@AshishDharr
14
15
16
17
18
19
1
20ashish_dharmik@AshishDharmik:~/LinxAssignment$ head 15 number.txt
head: cannot open '15' for reading: No such file or directory
==> number.txt <==
1
2
3
4
5
6
7
8
9
10
ashish_dharmik@AshishDharmik:~/LinxAssignment$ head -n 15 number.txt
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
ashish_dharmik@AshishDharmik:~/LinxAssignment$

30°C
Clear
Search
ENG
IN
20:53
07-03-2024

```
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat >>data.txt
Linux distribution is an operating system that is made up of a collection of software based on Linux kernel or you can say distributi
on contains the Linux kernel and supporting libraries and software. And you can get Linux based operating system by downloading one o
f the Linux distributions and these distributions are available for different types of devices like embedded devices, personal comput
ers, etc. Around 600 + Linux Distributions are available and some of the popular Linux distributions are:ashish_dharmik@AshishDharmik
:~/LinxAssignment$ tail -n 5 data.txt
The Linux Operating System is a type of operating system that is similar to Unix, and it is built upon the Linux Kernel. The Linux Ke
rnel is like the brain of the operating system because it manages how the computer interacts with its hardware and resources. It make
s sure everything works smoothly and efficiently. But the Linux Kernel alone is not enough to make a complete operating system. To cr
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s and help each other out. As technology keeps moving forward, Linux will keep evolving and staying important in the world of compute
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 of the Linux distributions and these distributions are available for different types of devices like embedded devices, personal comp
uters, etc. Around 600 + Linux Distributions are available and some of the popular Linux distributions are:ashish_dharmik@AshishDharm
ik:~/LinxAssignment$
```

```
ashish_dharmik@AshishDharmik:~/LinxAssignment$ sed -i 's/welcome/hello/g' file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat file1.txt
# !/bin/sh
hello to vi editor
hello to cdac
Operating systemashish_dharmik@AshishDharmik:~/LinxAssignment$ touch data.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat >> data.txt
The Linux Operating System is a type of operating system that is similar to Unix, and it is built upon the Linux Kernel. The Linux Ke
rnel is like the brain of the operating system because it manages how the computer interacts with its hardware and resources. It make
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s and help each other out. As technology keeps moving forward, Linux will keep evolving and staying important in the world of compute
rsashish_dharmik@AshishDharmik:~/LinxAssignment$ head 10 data.txt
head: cannot open '10' for reading: No such file or directory
==> data.txt <==
The Linux Operating System is a type of operating system that is similar to Unix, and it is built upon the Linux Kernel. The Linux Ke
rnel is like the brain of the operating system because it manages how the computer interacts with its hardware and resources. It make
s sure everything works smoothly and efficiently. But the Linux Kernel alone is not enough to make a complete operating system. To cr
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s and help each other out. As technology keeps moving forward, Linux will keep evolving and staying important in the world of compute
rsashish_dharmik@AshishDharmik:~/LinxAssignment$
```
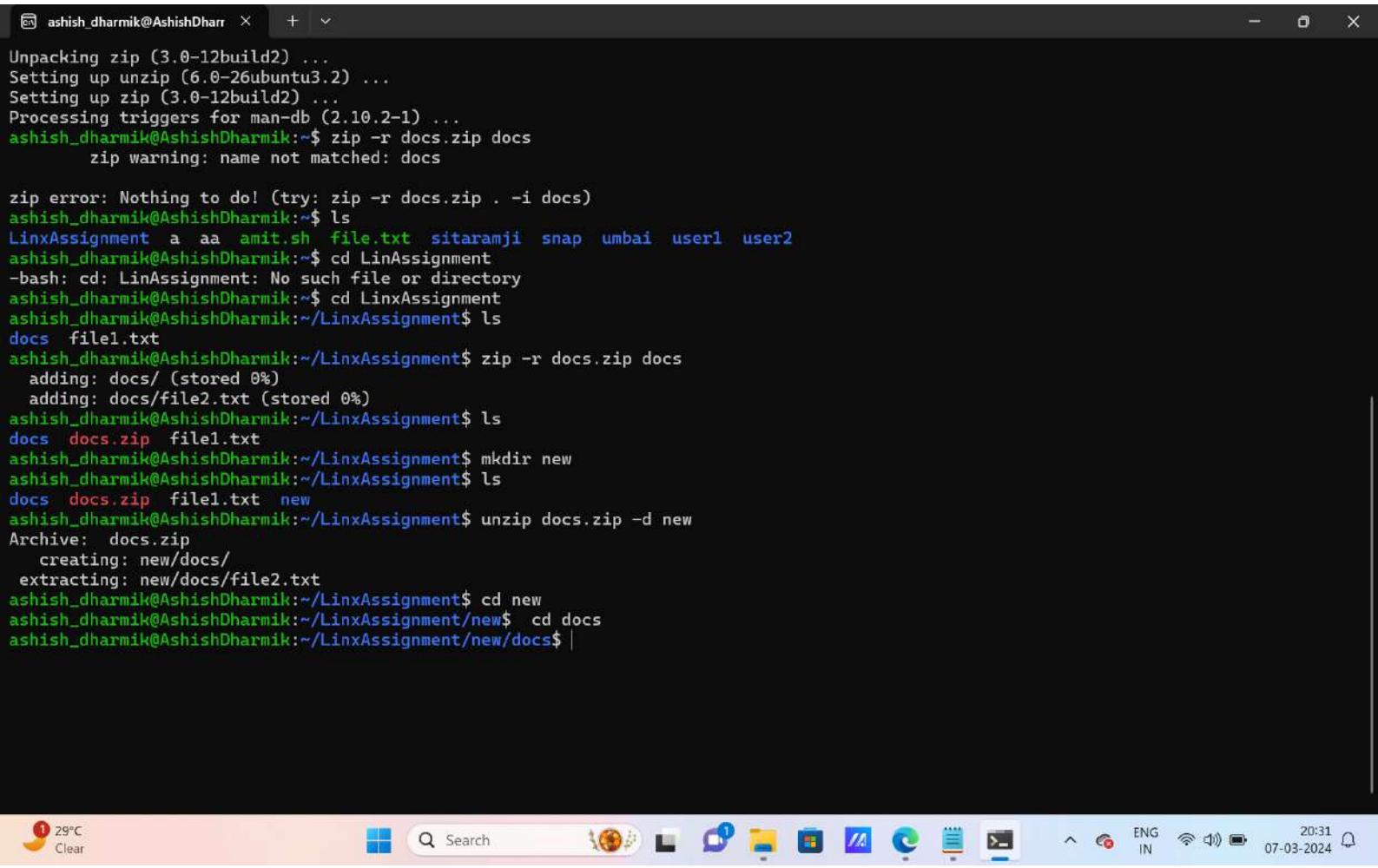
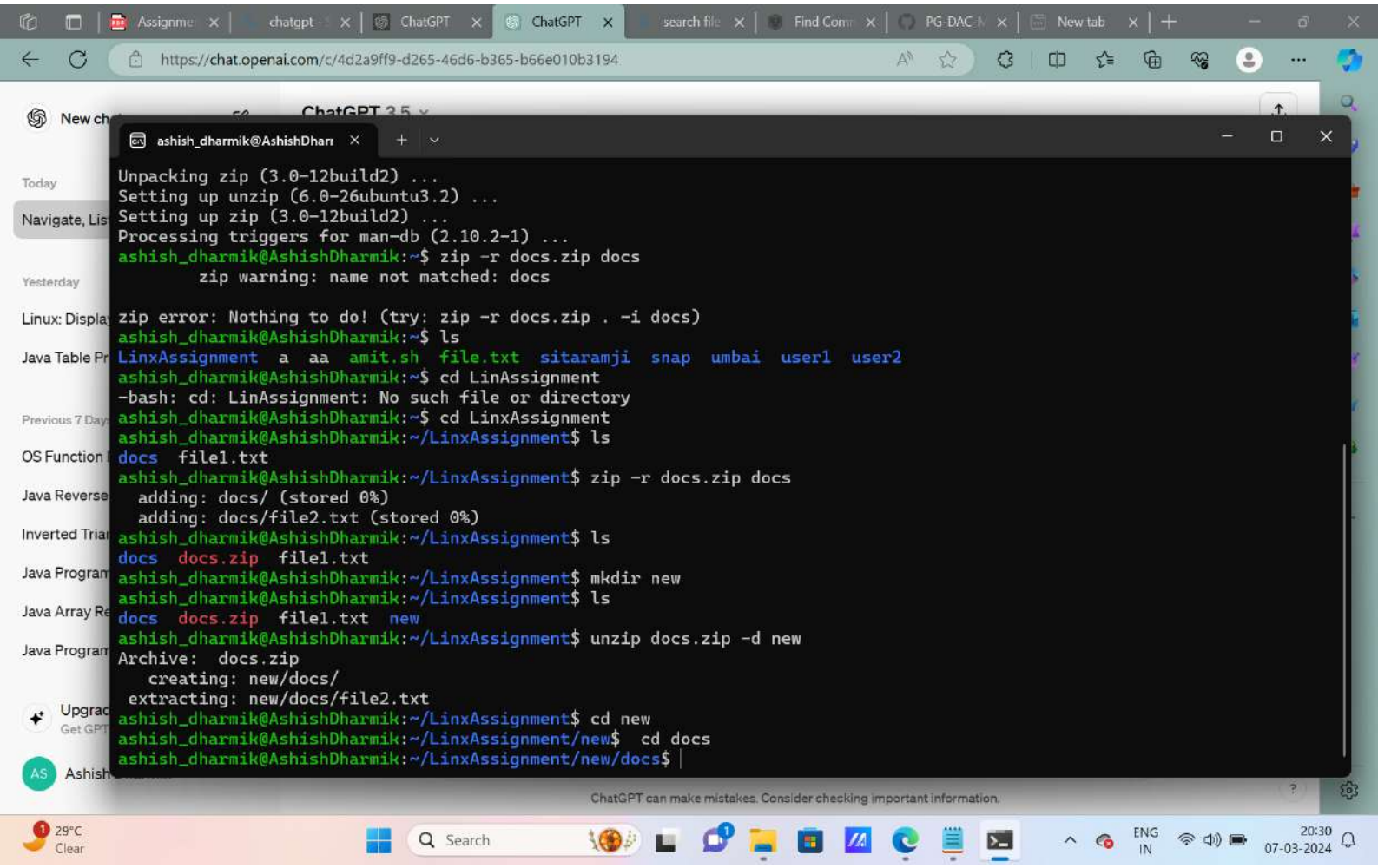
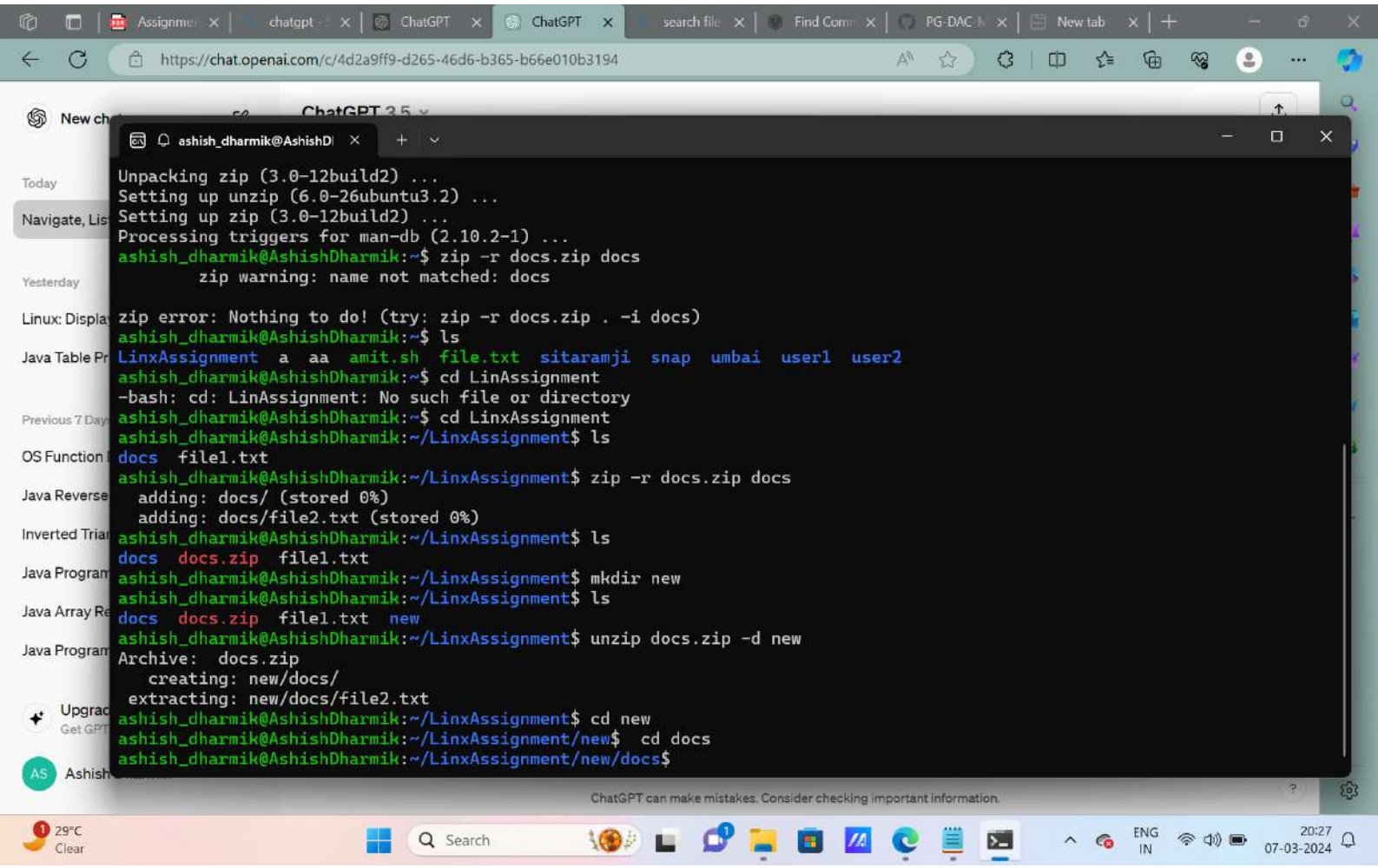
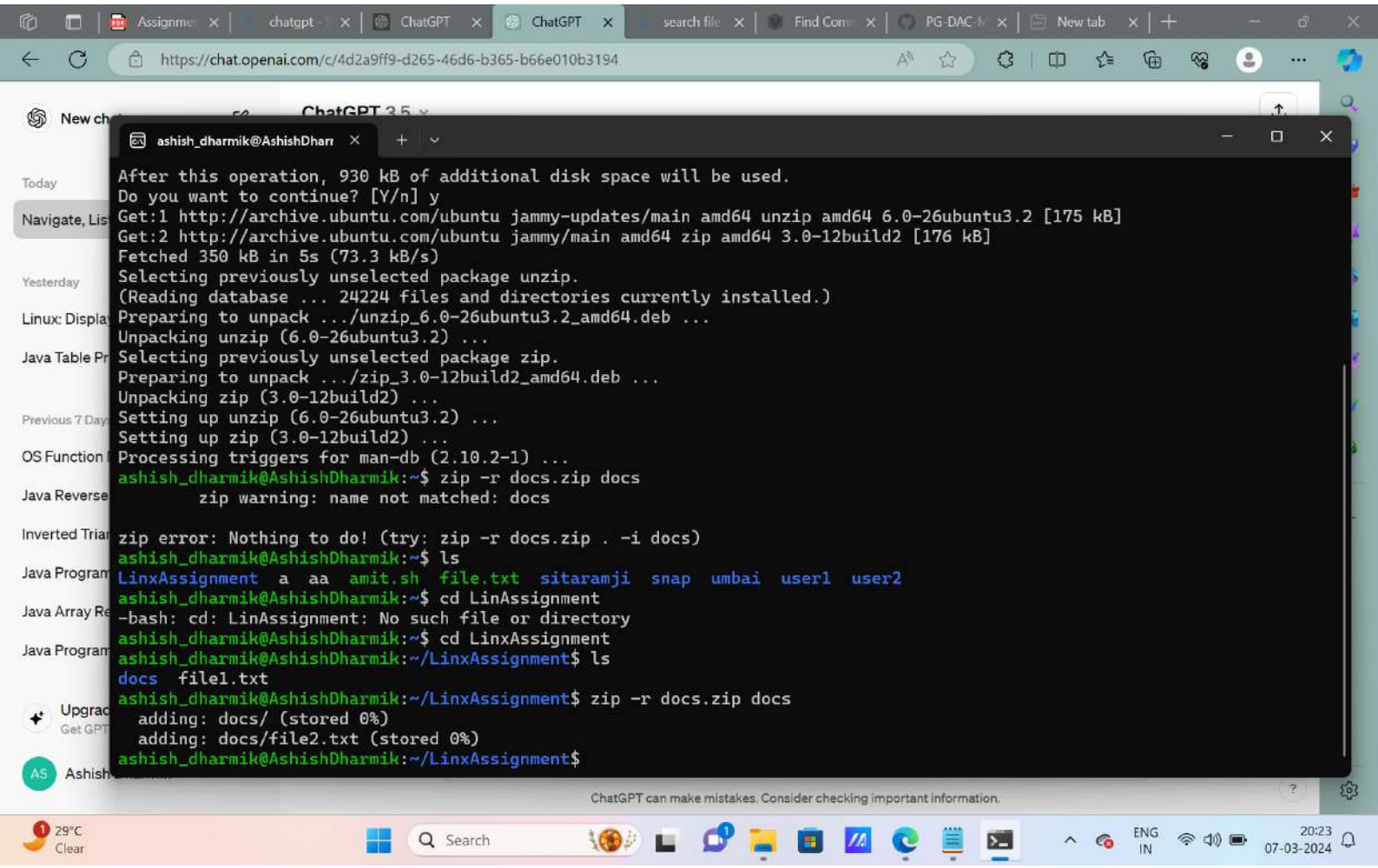

```
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ zip -r docs.zip docs
  adding: docs/ (stored 0%)
  adding: docs/file2.txt (stored 0%)
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  docs.zip  file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ mkdir new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  docs.zip  file1.txt  new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ unzip docs.zip -d new
Archive:  docs.zip
   creating: new/docs/
 extracting: new/docs/file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cd new
ashish_dharmik@AshishDharmik:~/LinxAssignment/new$  cd docs
ashish_dharmik@AshishDharmik:~/LinxAssignment/new/docs$ cd ,,
-bash: cd: ,,: No such file or directory
ashish_dharmik@AshishDharmik:~/LinxAssignment/new/docs$ cd ..
ashish_dharmik@AshishDharmik:~/LinxAssignment/new$ cd ..
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  docs.zip  file1.txt  new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat>>file1.txt
welcome to cdac
Operating systemashish_dharmik@AshishDharmik:~/LinxAssignment$ cat file1.txt
# !/bin/sh
welcome to vi editor
welcome to cdac
ashish_dharmik@AshishDharmik:~/LinxAssignment$ sed -i 's/welcome/hello/g' file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat file1.txt
# !/bin/sh
hello to vi editor
hello to cdac
Operating systemashish_dharmik@AshishDharmik:~/LinxAssignment$
```

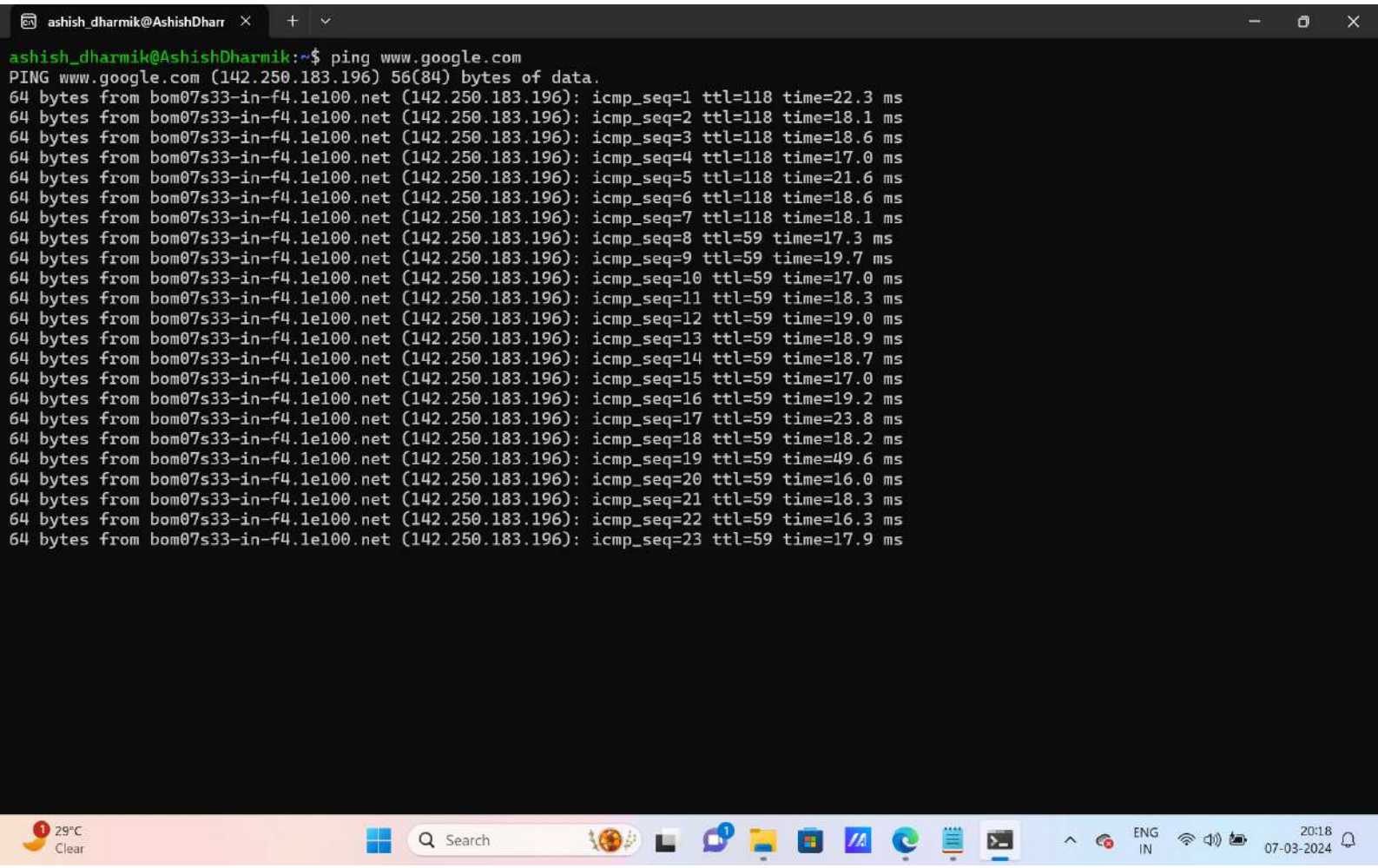
```
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ zip -r docs.zip docs
  adding: docs/ (stored 0%)
  adding: docs/file2.txt (stored 0%)
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  docs.zip  file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ mkdir new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  docs.zip  file1.txt  new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ unzip docs.zip -d new
Archive:  docs.zip
   creating: new/docs/
 extracting: new/docs/file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cd new
ashish_dharmik@AshishDharmik:~/LinxAssignment/new$  cd docs
ashish_dharmik@AshishDharmik:~/LinxAssignment/new/docs$ cd ,,
-bash: cd: ,,: No such file or directory
ashish_dharmik@AshishDharmik:~/LinxAssignment/new/docs$ cd ..
ashish_dharmik@AshishDharmik:~/LinxAssignment/new$ cd ..
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  docs.zip  file1.txt  new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat>>file1.txt
welcome to cdac
Operating systemashish_dharmik@AshishDharmik:~/LinxAssignment$ cat file1.txt
# !/bin/sh
welcome to vi editor
welcome to cdac
ashish_dharmik@AshishDharmik:~/LinxAssignment$
```

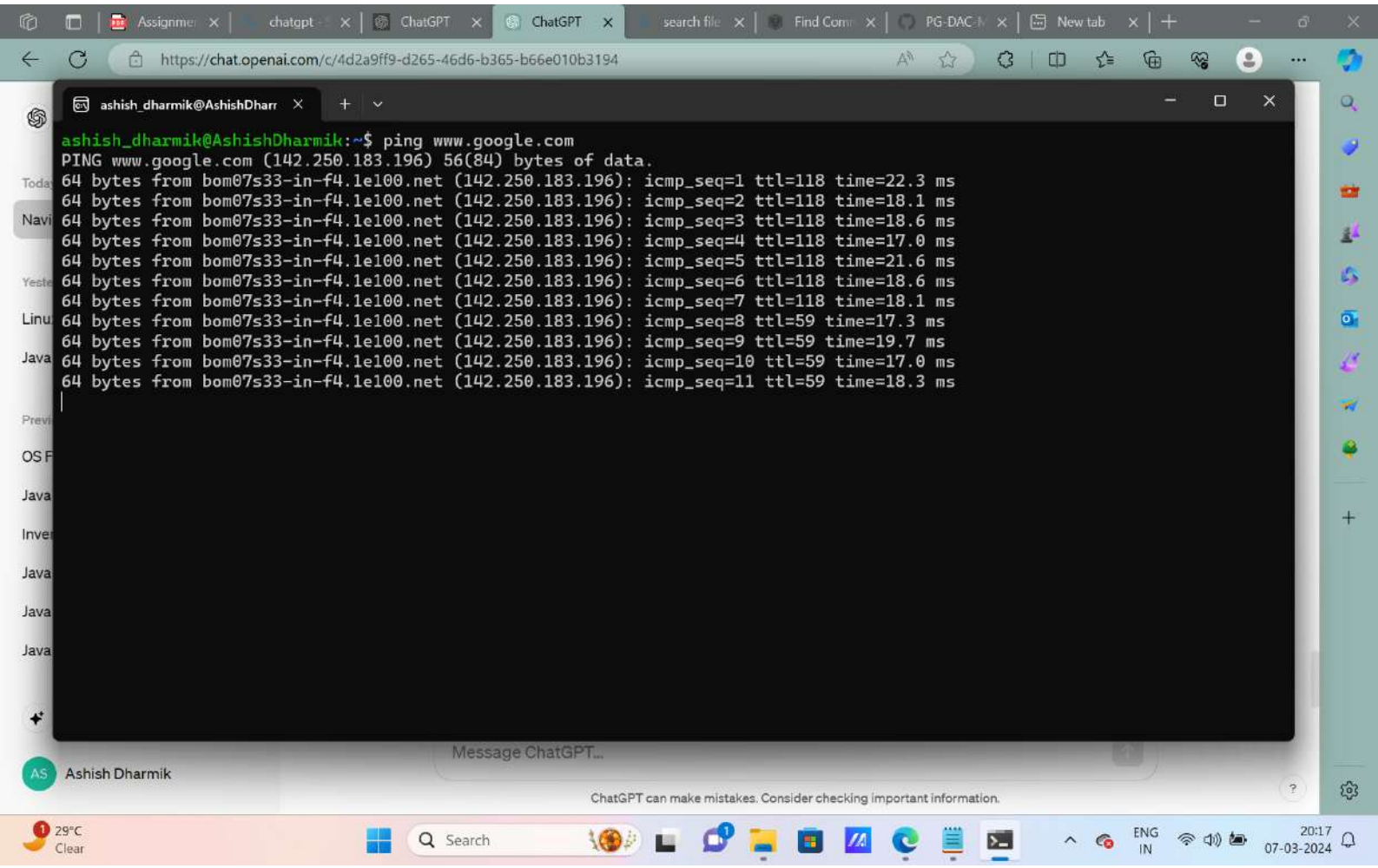

ashish_dharmik@AshishDharr
Unpacking zip (3.0-12build2) ...
Setting up unzip (6.0-26ubuntu3.2) ...
Setting up zip (3.0-12build2) ...
Processing triggers for man-db (2.10.2-1) ...
ashish_dharmik@AshishDharmik:~$ zip -r docs.zip docs
zip warning: name not matched: docs
zip error: Nothing to do! (try: zip -r docs.zip . -i docs)
ashish_dharmik@AshishDharmik:~$ ls
LinxAssignment a aa amit.sh file.txt sitaramji snap umbai user1 user2
ashish_dharmik@AshishDharmik:~$ cd LinAssignment
-bash: cd: LinAssignment: No such file or directory
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ zip -r docs.zip docs
adding: docs/ (stored 0%)
adding: docs/file2.txt (stored 0%)
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs docs.zip file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ mkdir new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs docs.zip file1.txt new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ unzip docs.zip -d new
Archive: docs.zip
creating: new/docs/
extracting: new/docs/file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cd new
ashish_dharmik@AshishDharmik:~/LinxAssignment/new$ cd docs
ashish_dharmik@AshishDharmik:~/LinxAssignment/new/docs$
29°C
Clear
Search
ENG
IN
20:31
07-03-2024

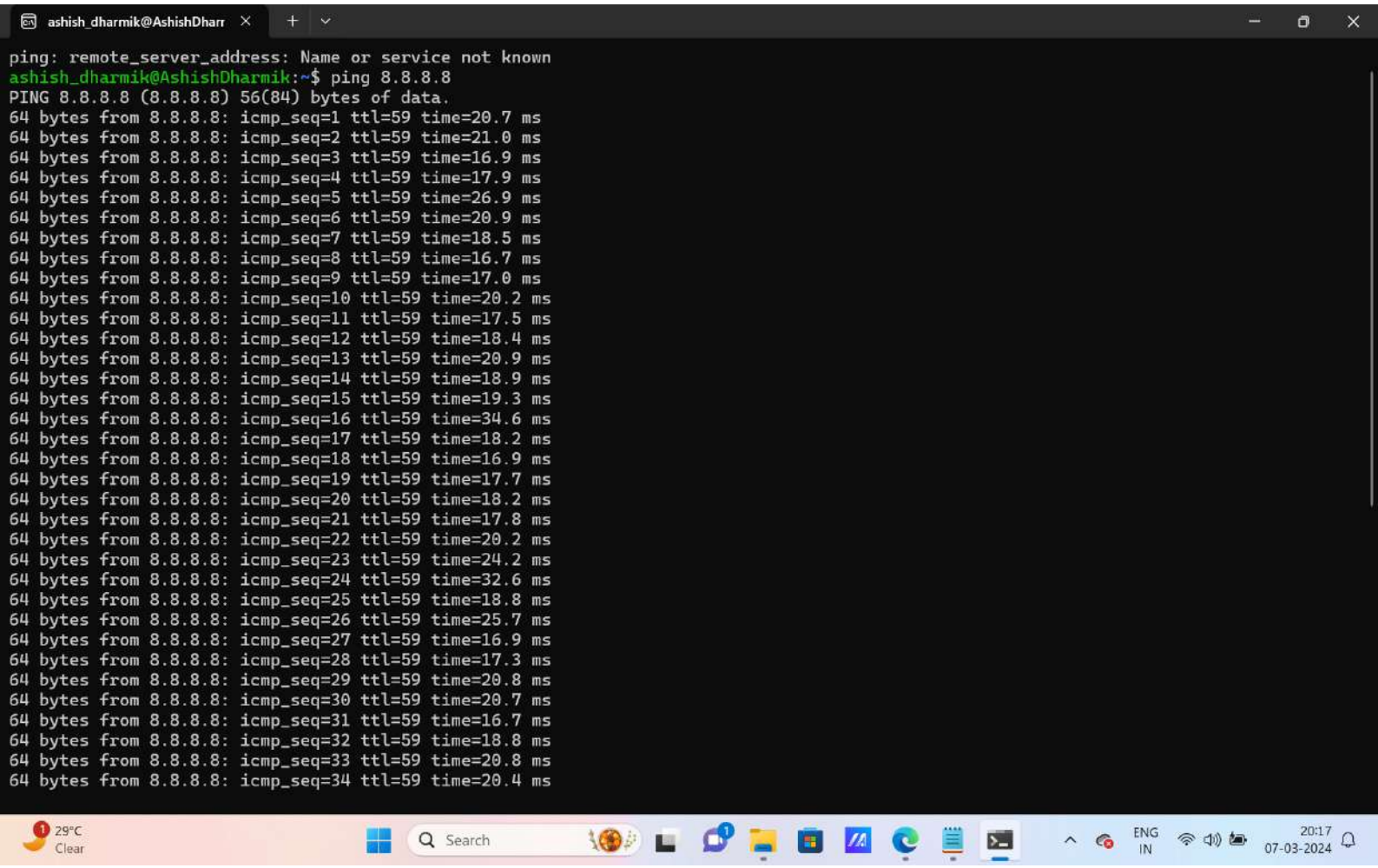

ashish_dharmik@AshishDharmik:~$ zip -r docs.zip docs
zip warning: name not matched: docs
zip error: Nothing to do! (try: zip -r docs.zip . -i docs)
ashish_dharmik@AshishDharmik:~$ ls
LinxAssignment a aa amit.sh file.txt sitaramji snap umbai user1 user2
ashish_dharmik@AshishDharmik:~$ cd LinAssignment
-bash: cd: LinAssignment: No such file or directory
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ zip -r docs.zip docs
adding: docs/ (stored 0%)
adding: docs/file2.txt (stored 0%)
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs docs.zip file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ mkdir new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs docs.zip file1.txt new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ unzip docs.zip -d new
Archive: docs.zip
creating: new/docs/
extracting: new/docs/file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cd new
ashish_dharmik@AshishDharmik:~/LinxAssignment/new$ cd docs
ashish_dharmik@AshishDharmik:~/LinxAssignment/new/docs$

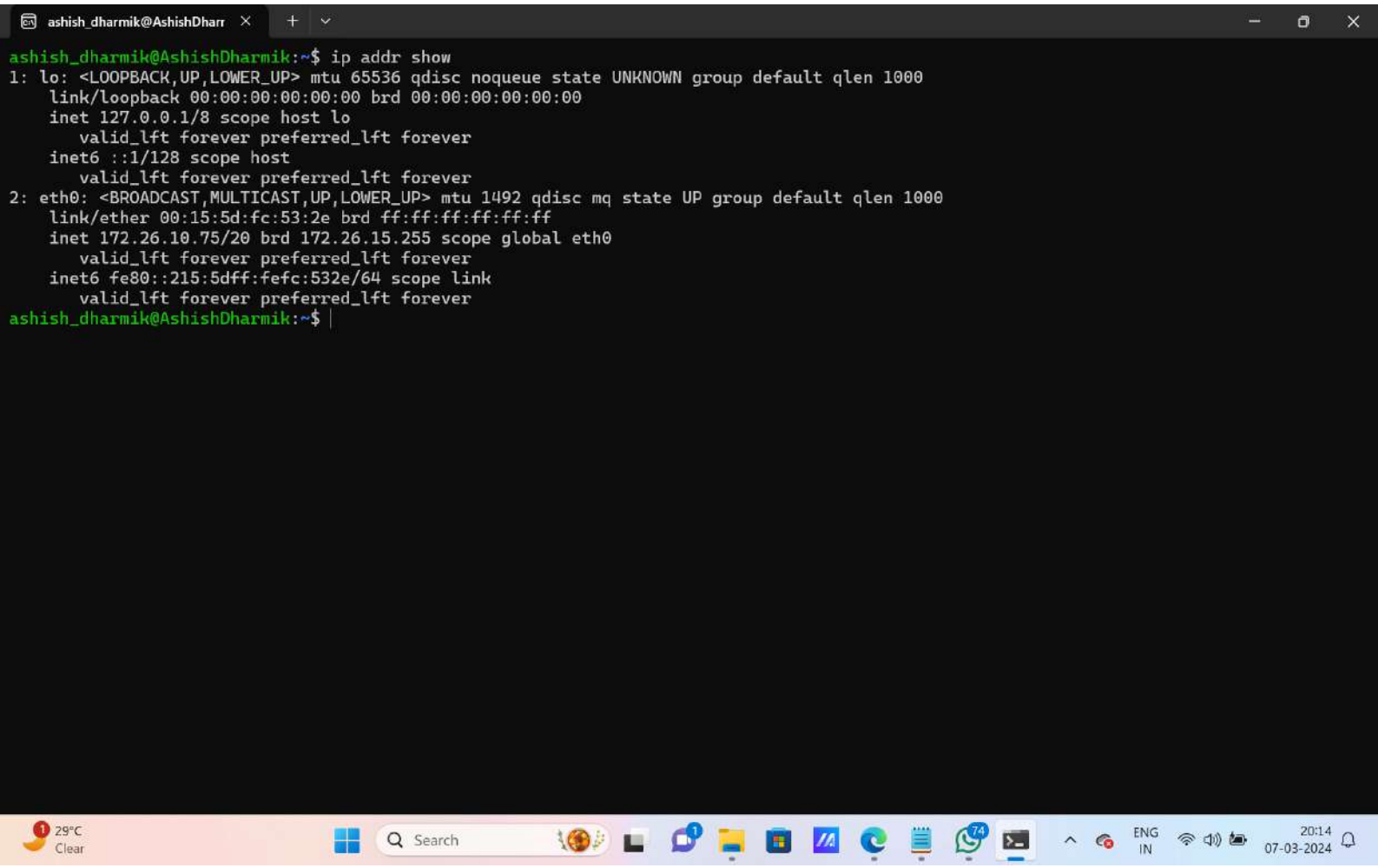

ashish_dharmik@AshishDharmik:~$ zip -r docs.zip docs
zip warning: name not matched: docs
zip error: Nothing to do! (try: zip -r docs.zip . -i docs)
ashish_dharmik@AshishDharmik:~$ ls
LinxAssignment a aa amit.sh file.txt sitaramji snap umbai user1 user2
ashish_dharmik@AshishDharmik:~$ cd LinAssignment
-bash: cd: LinAssignment: No such file or directory
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ zip -r docs.zip docs
adding: docs/ (stored 0%)
adding: docs/file2.txt (stored 0%)
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs docs.zip file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ mkdir new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs docs.zip file1.txt new
ashish_dharmik@AshishDharmik:~/LinxAssignment$ unzip docs.zip -d new
Archive: docs.zip
creating: new/docs/
extracting: new/docs/file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cd new
ashish_dharmik@AshishDharmik:~/LinxAssignment/new$ cd docs
ashish_dharmik@AshishDharmik:~/LinxAssignment/new/docs$

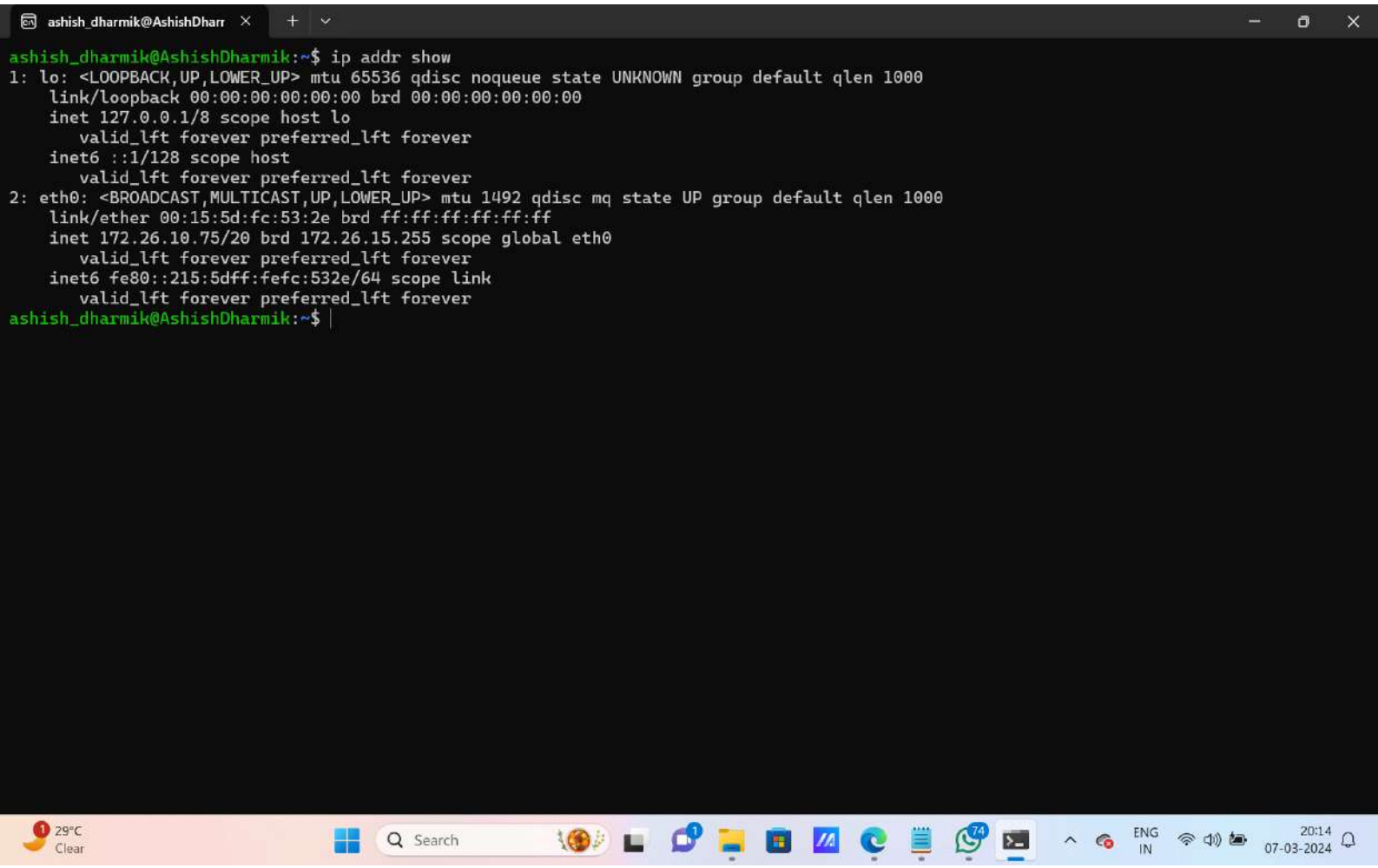

ashish_dharmik@AshishDharmik:~$ zip -r docs.zip docs
zip warning: name not matched: docs
zip error: Nothing to do! (try: zip -r docs.zip . -i docs)
ashish_dharmik@AshishDharmik:~$ ls
LinxAssignment a aa amit.sh file.txt sitaramji snap umbai user1 user2
ashish_dharmik@AshishDharmik:~$ cd LinAssignment
-bash: cd: LinAssignment: No such file or directory
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ zip -r docs.zip docs
adding: docs/ (stored 0%)
adding: docs/file2.txt (stored 0%)
ashish_dharmik@AshishDharmik:~/LinxAssignment$

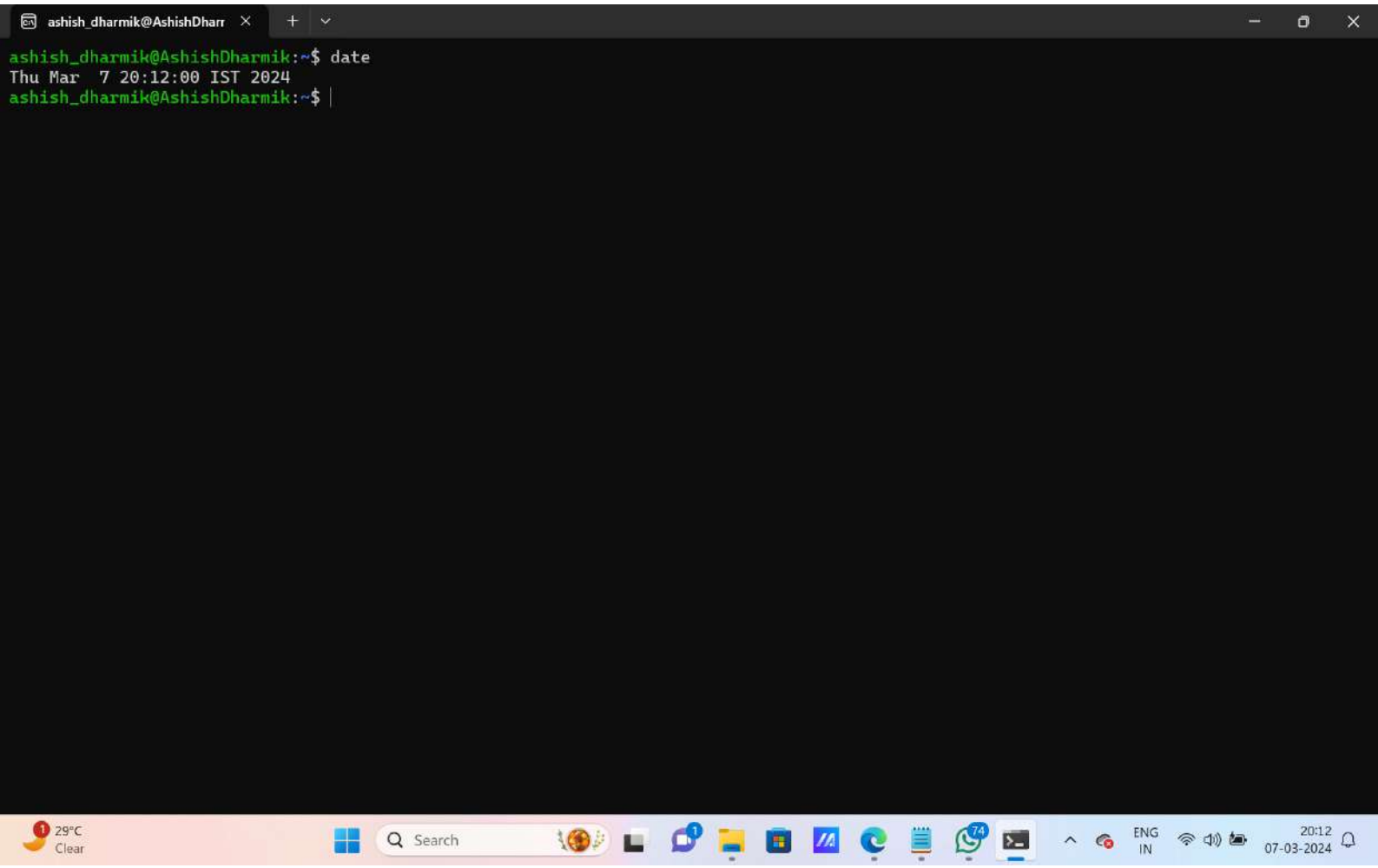

ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~$ ping www.google.com
PING www.google.com (142.250.183.196) 56(84) bytes of data.
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=1 ttl=118 time=22.3 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=2 ttl=118 time=18.1 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=3 ttl=118 time=18.6 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=4 ttl=118 time=17.0 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=5 ttl=118 time=21.6 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=6 ttl=118 time=18.6 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=7 ttl=118 time=18.1 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=8 ttl=59 time=17.3 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=9 ttl=59 time=19.7 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=10 ttl=59 time=17.0 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=11 ttl=59 time=18.3 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=12 ttl=59 time=19.0 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=13 ttl=59 time=18.9 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=14 ttl=59 time=18.7 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=15 ttl=59 time=17.0 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=16 ttl=59 time=19.2 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=17 ttl=59 time=23.8 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=18 ttl=59 time=18.2 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=19 ttl=59 time=49.6 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=20 ttl=59 time=16.0 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=21 ttl=59 time=18.3 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=22 ttl=59 time=16.3 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=23 ttl=59 time=17.9 ms
29°C
Clear
Search
ENG
IN
20:18
07-03-2024

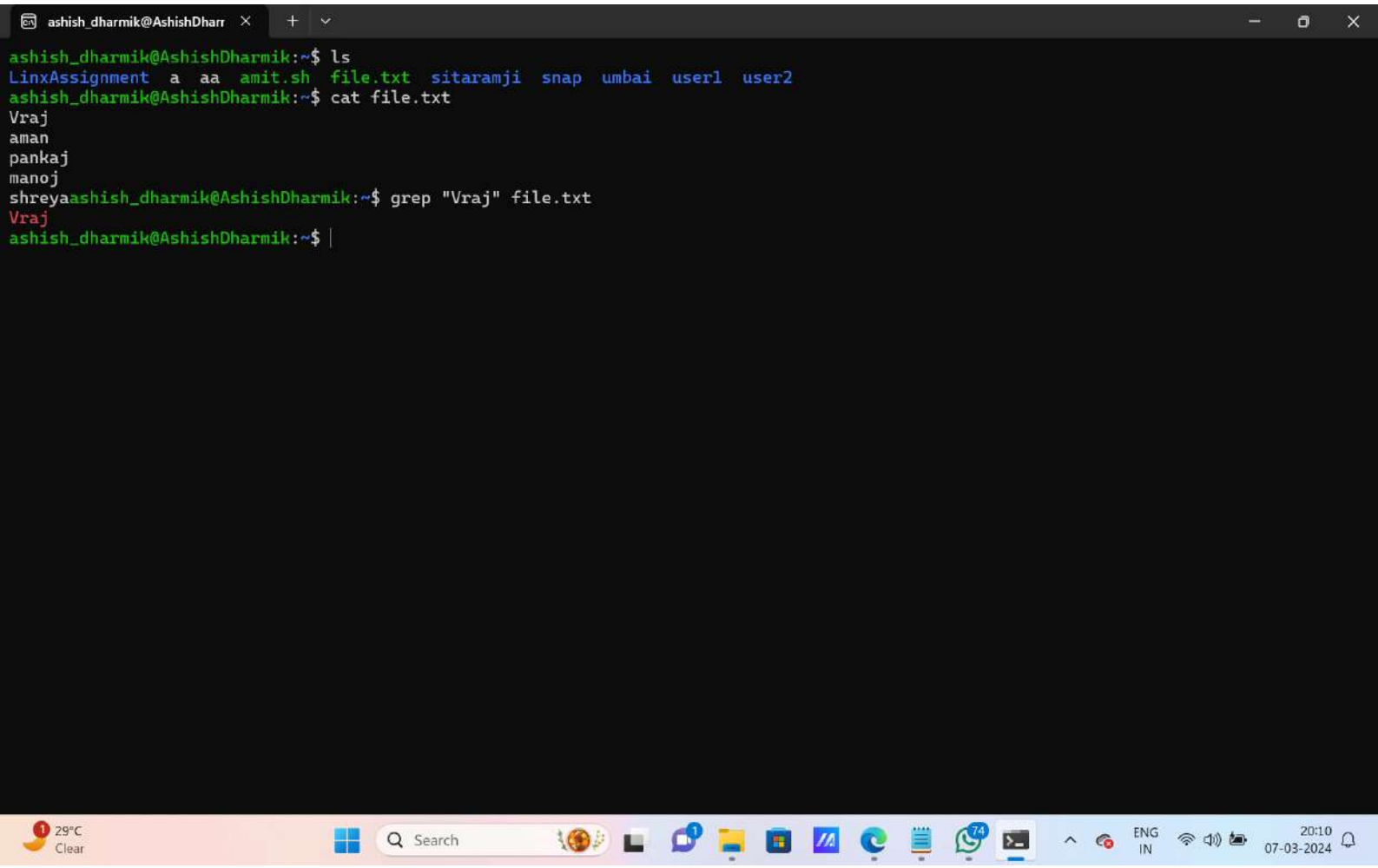

ashish_dharmik@AshishDharmik:~$ ping www.google.com
PING www.google.com (142.250.183.196) 56(84) bytes of data.
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=1 ttl=118 time=22.3 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=2 ttl=118 time=18.1 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=3 ttl=118 time=18.6 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=4 ttl=118 time=17.0 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=5 ttl=118 time=21.6 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=6 ttl=118 time=18.6 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=7 ttl=118 time=18.1 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=8 ttl=59 time=17.3 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=9 ttl=59 time=19.7 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=10 ttl=59 time=17.0 ms
64 bytes from bom07s33-in-f4.1e100.net (142.250.183.196): icmp_seq=11 ttl=59 time=18.3 ms
Message ChatGPT...
ChatGPT can make mistakes. Consider checking important information.

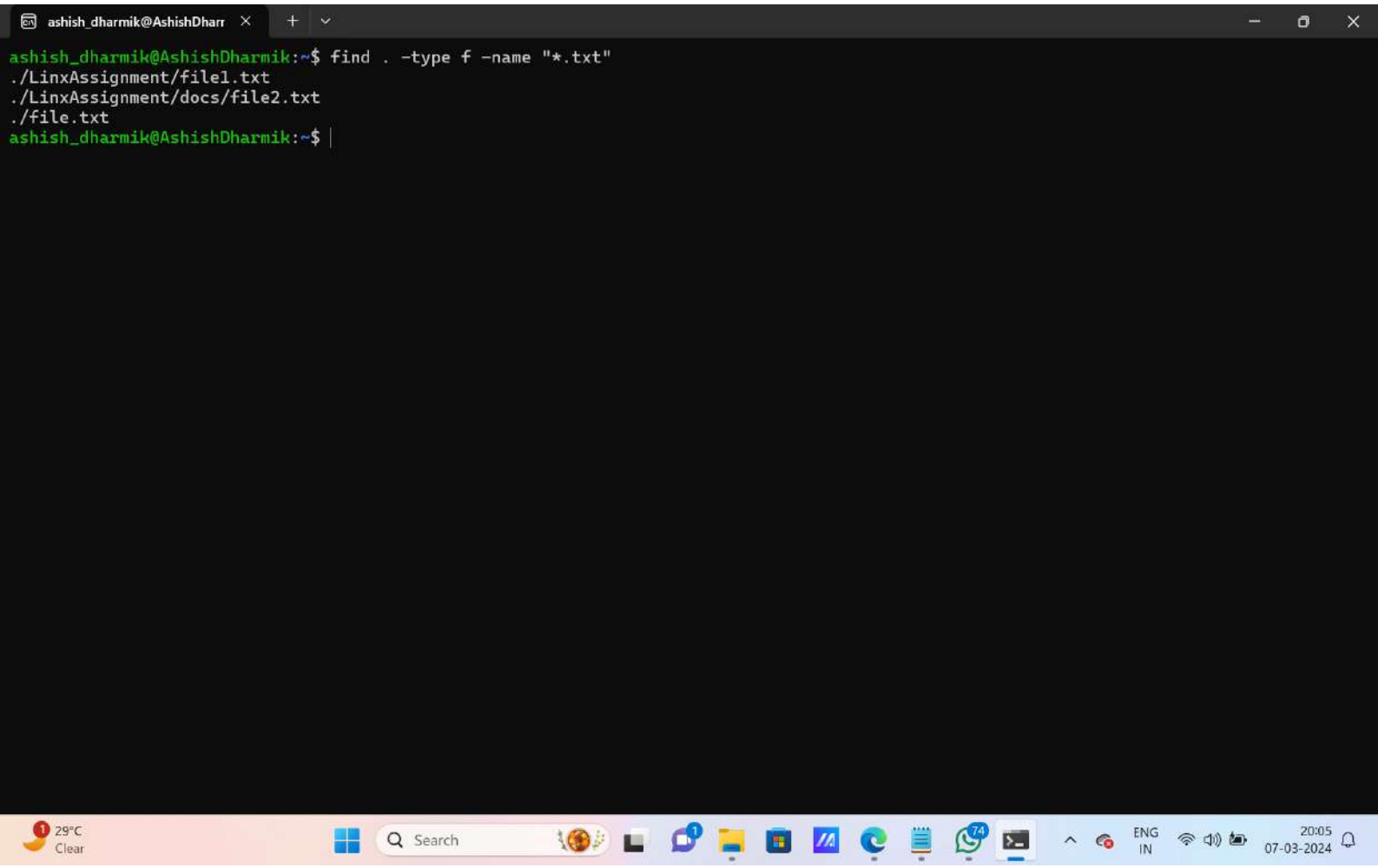

ashish_dharmik@AshishDharr
ping: remote_server_address: Name or service not known
ashish_dharmik@AshishDharmik:~$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=59 time=20.7 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=59 time=21.0 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=59 time=16.9 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=59 time=17.9 ms
64 bytes from 8.8.8.8: icmp_seq=5 ttl=59 time=26.9 ms
64 bytes from 8.8.8.8: icmp_seq=6 ttl=59 time=20.9 ms
64 bytes from 8.8.8.8: icmp_seq=7 ttl=59 time=18.5 ms
64 bytes from 8.8.8.8: icmp_seq=8 ttl=59 time=16.7 ms
64 bytes from 8.8.8.8: icmp_seq=9 ttl=59 time=17.0 ms
64 bytes from 8.8.8.8: icmp_seq=10 ttl=59 time=20.2 ms
64 bytes from 8.8.8.8: icmp_seq=11 ttl=59 time=17.5 ms
64 bytes from 8.8.8.8: icmp_seq=12 ttl=59 time=18.4 ms
64 bytes from 8.8.8.8: icmp_seq=13 ttl=59 time=20.9 ms
64 bytes from 8.8.8.8: icmp_seq=14 ttl=59 time=18.9 ms
64 bytes from 8.8.8.8: icmp_seq=15 ttl=59 time=19.3 ms
64 bytes from 8.8.8.8: icmp_seq=16 ttl=59 time=34.6 ms
64 bytes from 8.8.8.8: icmp_seq=17 ttl=59 time=18.2 ms
64 bytes from 8.8.8.8: icmp_seq=18 ttl=59 time=16.9 ms
64 bytes from 8.8.8.8: icmp_seq=19 ttl=59 time=17.7 ms
64 bytes from 8.8.8.8: icmp_seq=20 ttl=59 time=18.2 ms
64 bytes from 8.8.8.8: icmp_seq=21 ttl=59 time=17.8 ms
64 bytes from 8.8.8.8: icmp_seq=22 ttl=59 time=20.2 ms
64 bytes from 8.8.8.8: icmp_seq=23 ttl=59 time=24.2 ms
64 bytes from 8.8.8.8: icmp_seq=24 ttl=59 time=32.6 ms
64 bytes from 8.8.8.8: icmp_seq=25 ttl=59 time=18.8 ms
64 bytes from 8.8.8.8: icmp_seq=26 ttl=59 time=25.7 ms
64 bytes from 8.8.8.8: icmp_seq=27 ttl=59 time=16.9 ms
64 bytes from 8.8.8.8: icmp_seq=28 ttl=59 time=17.3 ms
64 bytes from 8.8.8.8: icmp_seq=29 ttl=59 time=20.8 ms
64 bytes from 8.8.8.8: icmp_seq=30 ttl=59 time=20.7 ms
64 bytes from 8.8.8.8: icmp_seq=31 ttl=59 time=16.7 ms
64 bytes from 8.8.8.8: icmp_seq=32 ttl=59 time=18.8 ms
64 bytes from 8.8.8.8: icmp_seq=33 ttl=59 time=20.8 ms
64 bytes from 8.8.8.8: icmp_seq=34 ttl=59 time=20.4 ms
29°C
Clear
Search
ENG
IN
20:17
07-03-2024

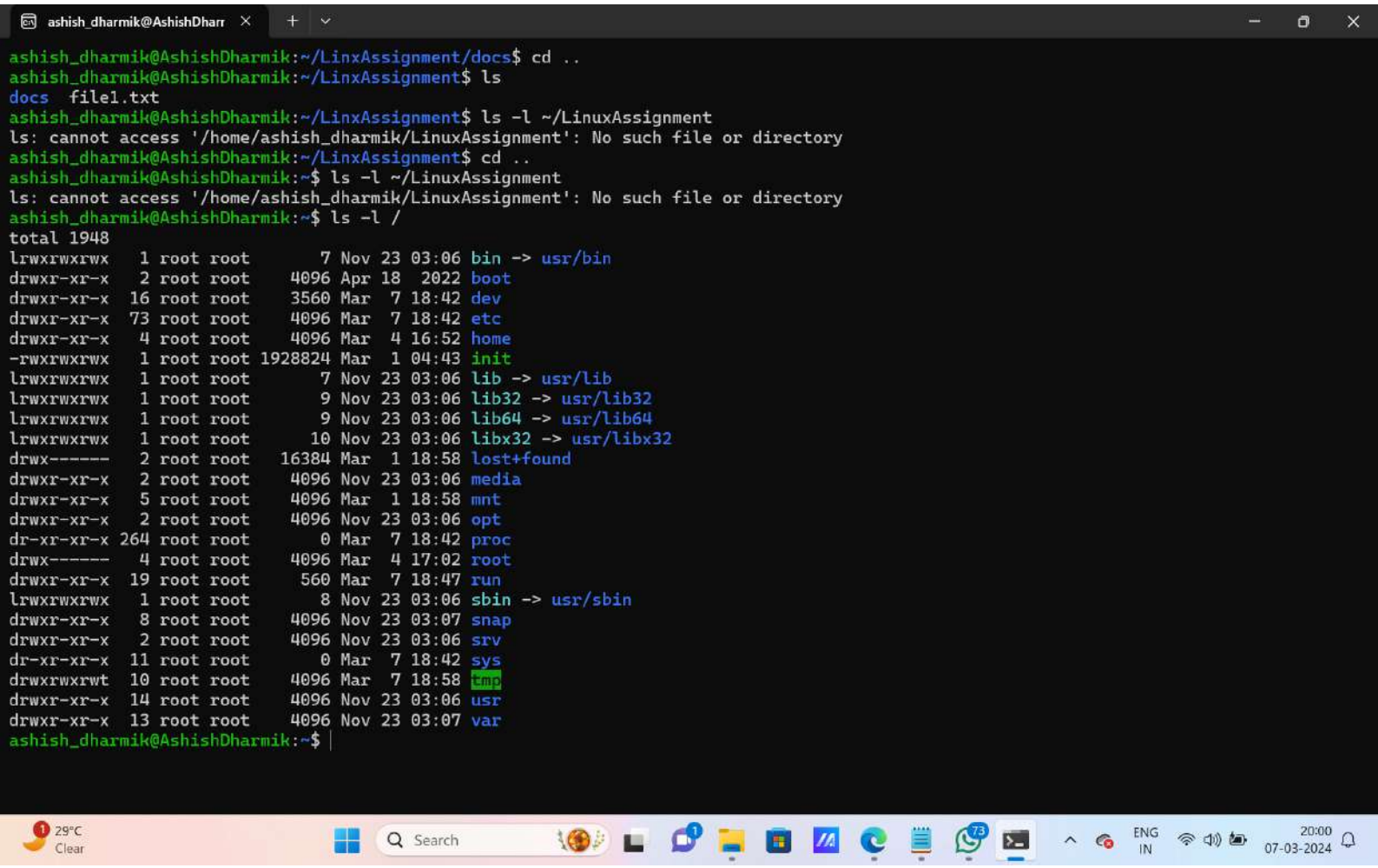

ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~$ ip addr show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1492 qdisc mq state UP group default qlen 1000
link/ether 00:15:5d:fc:53:2e brd ff:ff:ff:ff:ff:ff
inet 172.26.10.75/20 brd 172.26.15.255 scope global eth0
valid_lft forever preferred_lft forever
inet6 fe80::215:5dff:fefc:532e/64 scope link
valid_lft forever preferred_lft forever
ashish_dharmik@AshishDharmik:~$
29°C
Clear
Search
ENG
IN
20:14
07-03-2024

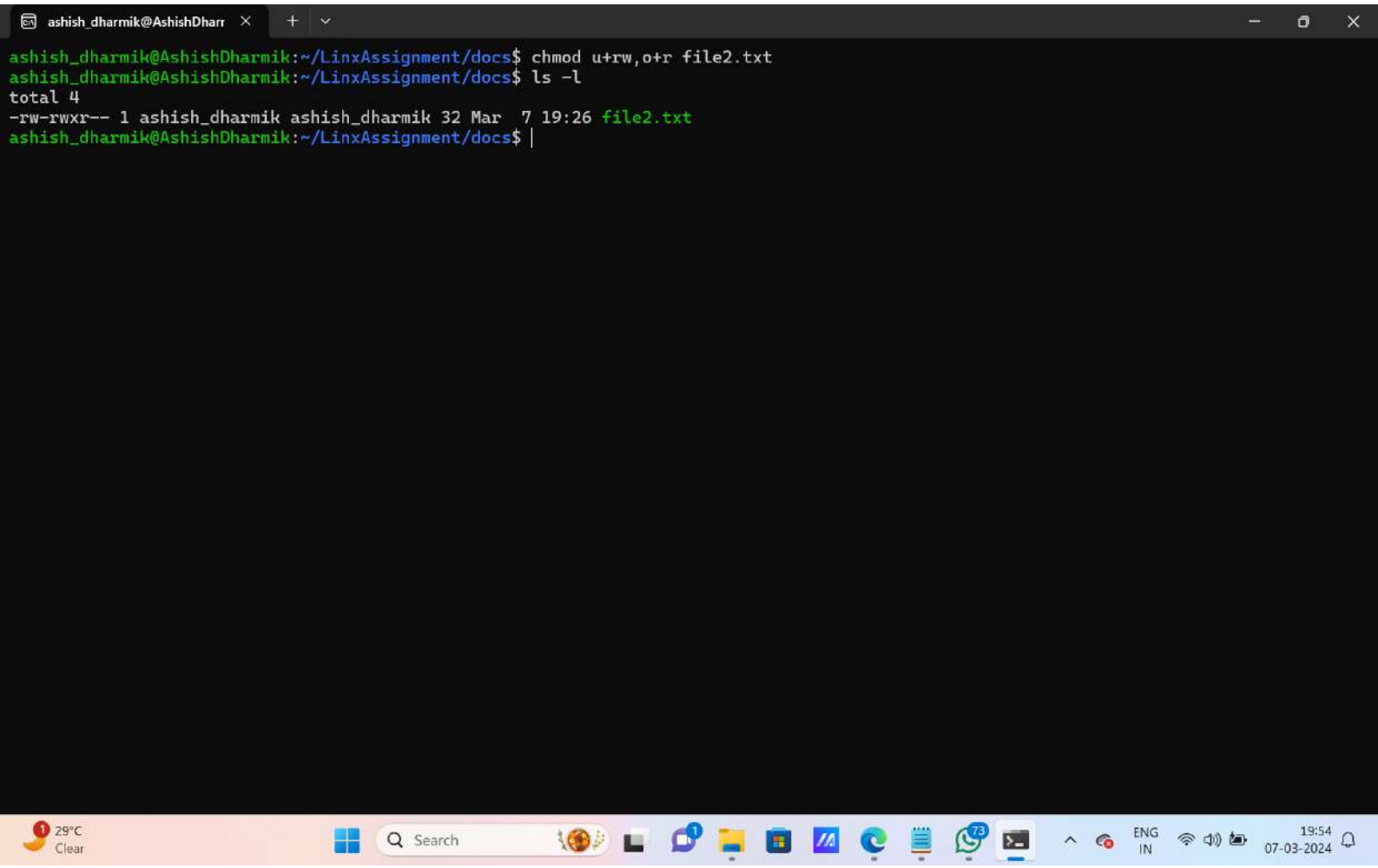

ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~$ ip addr show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
inet 127.0.0.1/8 scope host lo
valid_lft forever preferred_lft forever
inet6 ::1/128 scope host
valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1492 qdisc mq state UP group default qlen 1000
link/ether 00:15:5d:fc:53:2e brd ff:ff:ff:ff:ff:ff
inet 172.26.10.75/20 brd 172.26.15.255 scope global eth0
valid_lft forever preferred_lft forever
inet6 fe80::215:5dff:fefc:532e/64 scope link
valid_lft forever preferred_lft forever
ashish_dharmik@AshishDharmik:~$
29°C
Clear
Search
ENG
IN
20:14
07-03-2024

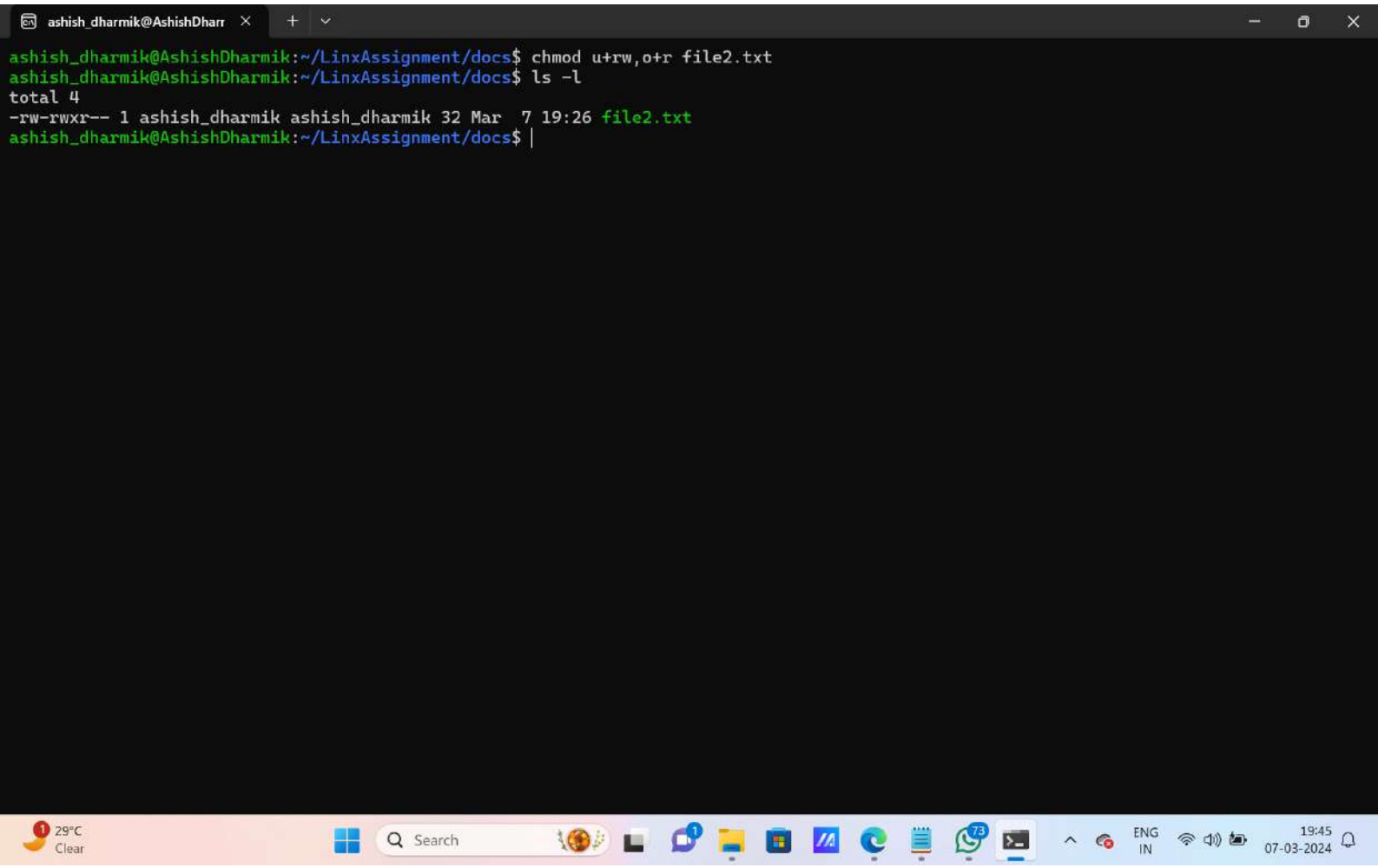

ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~$ date
Thu Mar 7 20:12:00 IST 2024
ashish_dharmik@AshishDharmik:~$


ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~$ ls
LinxAssignment a aa amit.sh file.txt sitaramji snap umbai user1 user2
ashish_dharmik@AshishDharmik:~$ cat file.txt
Vraj
aman
pankaj
manoj
shreyaashish_dharmik@AshishDharmik:~$ grep "Vraj" file.txt
Vraj
ashish_dharmik@AshishDharmik:~$
29°C
Clear
Search
ENG
IN
20:10
07-03-2024


ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~$ find . -type f -name "*.txt"
./LinxAssignment/file1.txt
./LinxAssignment/docs/file2.txt
./file.txt
ashish_dharmik@AshishDharmik:~$
29°C
Clear
Search
ENG
IN
20:05
07-03-2024

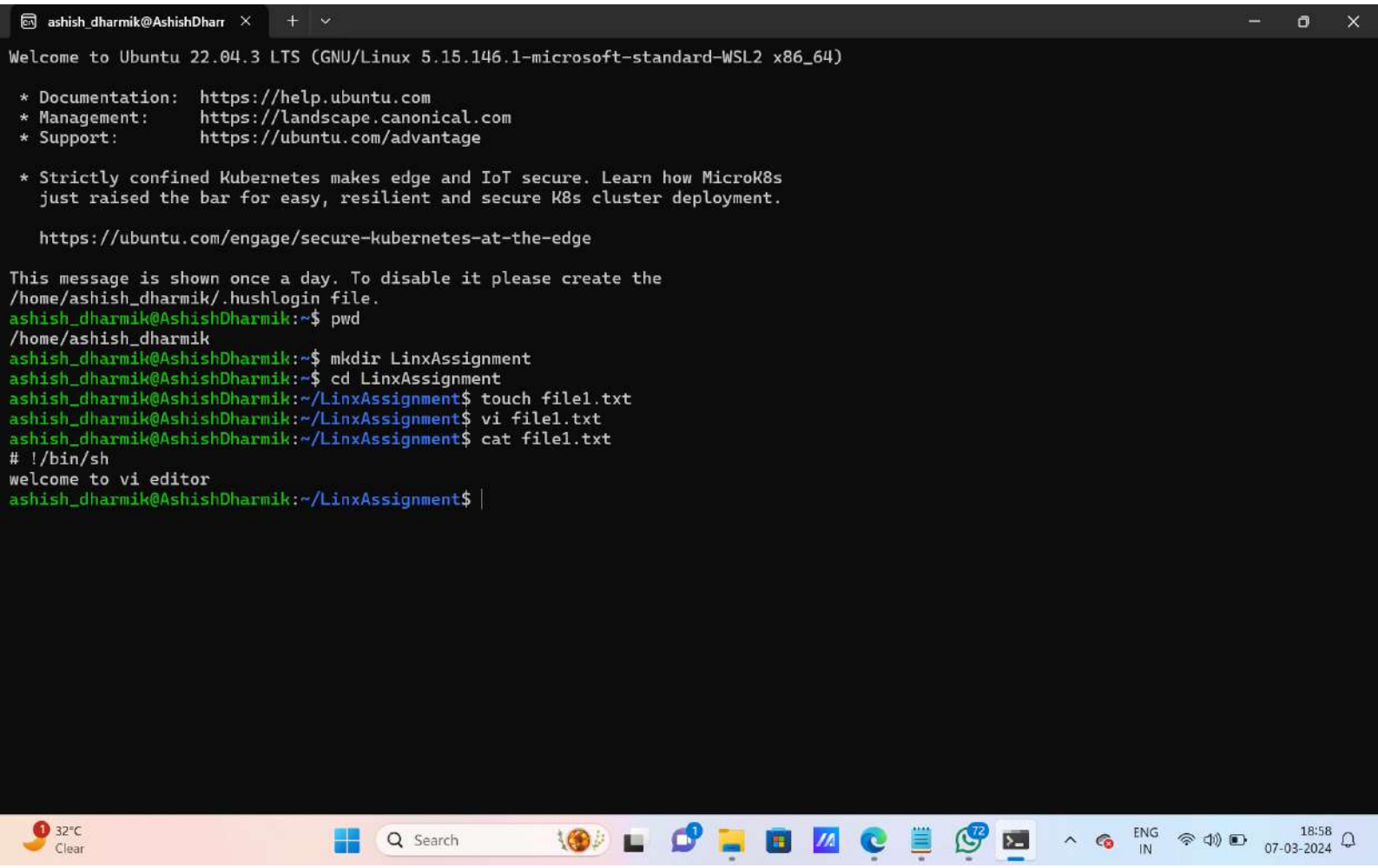

ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ cd ..
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls -l ~/LinuxAssignment
ls: cannot access '/home/ashish_dharmik/LinuxAssignment': No such file or directory
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cd ..
ashish_dharmik@AshishDharmik:~$ ls -l ~/LinuxAssignment
ls: cannot access '/home/ashish_dharmik/LinuxAssignment': No such file or directory
ashish_dharmik@AshishDharmik:~$ ls -l /
total 1948
lrwxrwxrwx   1 root root   7 Nov 23 03:06 bin -> usr/bin
drwxr-xr-x   2 root root   4096 Apr 18 2022 boot
drwxr-xr-x 16 root root   3560 Mar 7 18:42 dev
drwxr-xr-x 73 root root   4096 Mar 7 18:42 etc
drwxr-xr-x   4 root root   4096 Mar 4 16:52 home
-rwxrwxrwx   1 root root 1928824 Mar 1 04:43 init
lrwxrwxrwx   1 root root   7 Nov 23 03:06 lib -> usr/lib
lrwxrwxrwx   1 root root   9 Nov 23 03:06 lib32 -> usr/lib32
lrwxrwxrwx   1 root root   9 Nov 23 03:06 lib64 -> usr/lib64
lrwxrwxrwx   1 root root   10 Nov 23 03:06 libx32 -> usr/libx32
drwx------   2 root root   16384 Mar 1 18:58 lost+found
drwxr-xr-x   2 root root   4096 Nov 23 03:06 media
drwxr-xr-x   5 root root   4096 Mar 1 18:58 mnt
drwxr-xr-x   2 root root   4096 Nov 23 03:06 opt
dr-xr-xr-x 264 root root   0 Mar 7 18:42 proc
drwx------   4 root root   4096 Mar 4 17:02 root
drwxr-xr-x 19 root root   560 Mar 7 18:47 run
lrwxrwxrwx   1 root root   8 Nov 23 03:06 sbin -> usr/sbin
drwxr-xr-x   8 root root   4096 Nov 23 03:07 snap
drwxr-xr-x   2 root root   4096 Nov 23 03:06 srv
dr-xr-xr-x 11 root root   0 Mar 7 18:42 sys
drwxrwxrwt 10 root root   4096 Mar 7 18:58 tmp
drwxr-xr-x 14 root root   4096 Nov 23 03:06 usr
drwxr-xr-x 13 root root   4096 Nov 23 03:07 var
ashish_dharmik@AshishDharmik:~$
29°C
Clear
Search
ENG
IN
20:00
07-03-2024


ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ chmod u+rw,o+r file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ ls -l
total 4
-rw-rwxr-- 1 ashish_dharmik ashish_dharmik 32 Mar 7 19:26 file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$


ashish_dharmik@AshishDharr
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ chmod u+rw,o+r file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ ls -l
total 4
-rw-rwxr-- 1 ashish_dharmik ashish_dharmik 32 Mar 7 19:26 file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$
29°C
Clear
Search
ENG
IN
19:45
07-03-2024

```
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ shmod u+rwx o+r
Command 'shmod' not found, did you mean:
  command 'chmod' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ chmod u+rwx o+r
chmod: cannot access 'o+r': No such file or directory
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ chmod u+ rwx o+ r
chmod: cannot access 'rwx': No such file or directory
chmod: cannot access 'o+': No such file or directory
chmod: cannot access 'r': No such file or directory
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ chmod u + rwx o + r
chmod: invalid mode: ‘u’
Try 'chmod --help' for more information.
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ chmod 75
chmod: missing operand after ‘75’
Try 'chmod --help' for more information.
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ chmod 75 file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ ls -l
total 4
----rwxr-x 1 ashish_dharmik ashish_dharmik 32 Mar  7 19:26 file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$
```

```
/home/ashish_dharmik/.hushlogin file.
ashish_dharmik@AshishDharmik:~$ pwd
/home/ashish_dharmik
ashish_dharmik@AshishDharmik:~$ mkdir LinxAssignment
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ touch file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ vi file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat file1.txt
# !/bin/sh
welcome to vi editor
ashish_dharmik@AshishDharmik:~/LinxAssignment$ mkdir docs
ashish_dharmik@AshishDharmik:~/LinxAssignment$ ls
docs  file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cp file1.txt
cp: missing destination file operand after 'file1.txt'
Try 'cp --help' for more information.
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cp file1.txt /docs
cp: cannot create regular file '/docs': Permission denied
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cp file1.txt docs
ashish_dharmik@AshishDharmik:~/LinxAssignment$ docs
Command 'docs' not found, did you mean:
  command 'rocs' from snap rocs (23.08.4)
  command 'd2cs' from deb pvpgn (1.8.5-2.1ubuntu1)
  command 'doas' from deb doas (6.8.1-3)
  command 'doc8' from deb python3-doc8 (0.10.1-1)
  command 'dmcs' from deb mono-mcs (6.8.0.105+dfsg-3.2)
  command 'ocs' from deb cscope (15.9-1)
  command 'dcs' from deb drbl (4.5.16-1)
  command 'rocs' from deb rocs (4:21.12.3-0ubuntu1)
See 'snap info <snapname>' for additional versions.
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cd docs
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ ls
file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ mv file1.txt file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$ ls
file2.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment/docs$
```


ashish_dharmik@AshishDharr
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.146.1-microsoft-standard-WSL2 x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.
https://ubuntu.com/engage/secure-kubernetes-at-the-edge
This message is shown once a day. To disable it please create the
/home/ashish_dharmik/.hushlogin file.
ashish_dharmik@AshishDharmik:~$ pwd
/home/ashish_dharmik
ashish_dharmik@AshishDharmik:~$ mkdir LinxAssignment
ashish_dharmik@AshishDharmik:~$ cd LinxAssignment
ashish_dharmik@AshishDharmik:~/LinxAssignment$ touch file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ vi file1.txt
ashish_dharmik@AshishDharmik:~/LinxAssignment$ cat file1.txt
!/bin/sh
welcome to vi editor
ashish_dharmik@AshishDharmik:~/LinxAssignment$
32°C
Clear
Search
ENG
IN
18:58
07-03-2024