# DTL – ASSIGNMENT: LINUX COMMANDS

Name: Aditya Ingle

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Division: 1(S3)

**Commands:** 

# 1.pwd

aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya\_Ingle/OneDrive/Desktop/112103050\_Aditya\_Ingle\_DTL\_6\$ pwd
/mnt/c/Users/Aditya\_Ingle/OneDrive/Desktop/112103050\_Aditya\_Ingle\_DTL\_6

### 2.mkdir

```
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ mkdir dir1
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ ls
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ mkdir dir2 dir3
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ ls
```

#### 3.cd

```
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ cd dir1
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6/dir1$ cd ..
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ ls
```

#### 4.rmdir

```
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ ls
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ rmdir dir3
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ cd dir2
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ cd dir2
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6/dir2$ mkdir newdir
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6/dir2$ cd ..
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ rmdir dir2
rmdir: failed to remove 'dir2': Directory not empty
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ rm -rf dir2
aditya@LAPTOP-JTQ25IIG:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$ clear
```

# 5.clear

```
aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd dir1
aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd ir1
aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd ...
aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd dir3
aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd dir2
aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd dir2
aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd ir. cd aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd ir. cd aditya@LAPTOP-JTQ25IIG:/mmt/c/Users/Aditya_Ingle/OneDrive/Desktop/112103850_Aditya_Ingle_DTL_0 cd ir. cd ir
```

```
aditya@LAPTOP-JTQ25I1G:/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/112103050_Aditya_Ingle_DTL_6$
```

#### 6.touch

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ ls
dir1
aditya@LAPTOP-JTQ25I1G:~/dtl$ touch file1.txt
aditya@LAPTOP-JTQ25I1G:~/dtl$ ls
dir1 file1.txt
aditya@LAPTOP-JTQ25I1G:~/dtl$ touch /home/aditya/dtl/dir1/newfile.txt
aditya@LAPTOP-JTQ25I1G:~/dtl$ cd dir1
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls
newfile.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$
```

#### **7.rm**

```
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls
newfile.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ rm newfile.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ~
```

#### 8.echo

```
aditya@LAPTOP-JTQ25I16:~/dtl/dir1$ echo Aditya
Aditya
aditya@LAPTOP-JTQ25I16:~/dtl/dir1$ echo "DTL Assignment"
DTL Assignment
aditya@LAPTOP-JTQ25I16:~/dtl/dir1$ echo "COEP is my college"
COEP is my college
aditya@LAPTOP-JTQ25I16:~/dtl/dir1$ -e "COEP \is \my \college"
-e: command not found
aditya@LAPTOP-JTQ25I16:~/dtl/dir1$ echo -e "COEP \is \my \college"
COEP \is \my aditya@LAPTOP-JTQ25I16:~/dtl/dir1$ echo -e "COEP \bis \bmy \bcollege"
COEPismycollege
aditya@LAPTOP-JTQ25I16:~/dtl/dir1$
```

#### 9.cat

```
aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ ls
aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat > file1.txt
^C
aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat > file1.txt
Hello I'm Aditya.
^C
aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file1.txt
Hello I'm Aditya.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file1.txt
Hello I'm Aditya
aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file1.txt
Hello I'm Aditya.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file1.txt
Hello I'm Aditya.

This line will get appended to the contents of file1.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file2.txt
This is a line in file2.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file1.txt >> file2.txt
This is a line in file2.

Hello I'm Aditya.

This line will get appended to the contents of file1.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file3.txt

I study in COEP.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file1.txt
Hello I'm Aditya.

This line will get appended to the contents of file1.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file2.txt
This is a line in file2.
Hello I'm Aditya.

This line will get appended to the contents of file1.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file3.txt

I study in COEP.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file3.txt

I study in COEP.

Aditya@LAPTOP-JTQ2511G:-/dtl/dir! $ cat file3.txt > mergedfile.txt

Aditya@LAPTOP-J
```

# **10.cp**

```
aditya@LAPTOP-JTQ25IIG:~/dtl/dir1$ cd ..
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 file1.txt
aditya@LAPTOP-JTQ25IIG:~/dtl$ mkdir dir2 dir2
mkdir: cannot create directory 'dir2': File exists
aditya@LAPTOP-JTQ25IIG:~/dtl$ mkdir dir3
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 dir2 dir3 file1.txt
aditya@LAPTOP-JTQ25IIG:~/dtl$ cp file1.txt /home/aditya/dtl/dir2
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 dir2 dir3 file1.txt
aditya@LAPTOP-JTQ25IIG:~/dtl$ cd dir2
aditya@LAPTOP-JTQ25IIG:~/dtl$ cd dir2
aditya@LAPTOP-JTQ25IIG:~/dtl/dir2$ ls
file1.txt
aditya@LAPTOP-JTQ25IIG:~/dtl/dir2$
```

# 11.mv

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ mv file1.txt /home/aditya/dtl/dir3
aditya@LAPTOP-JTQ25I1G:~/dtl$ ls
dir1 dir2 dir3
aditya@LAPTOP-JTQ25I1G:~/dtl$ cd dir3
aditya@LAPTOP-JTQ25I1G:~/dtl/dir3$ ls
file1.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir3$
```

#### **12.ls**

```
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls
file1.txt file2.txt file3.txt mergedfile.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls -a
file1.txt file2.txt file3.txt mergedfile.txt aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls *[0-9]*
file1.txt file2.txt file3.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls -F
file1.txt file2.txt file3.txt mergedfile.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls -l
total 16
-rw-r--r-- 1 aditya aditya 72 Feb
-rw-r--r-- 1 aditya aditya 97 Feb
                                      5 23:25 file1.txt
                                      5 23:27 file2.txt
                                      5 23:28 file3.txt
5 23:30 mergedfile.txt
-rw-r--r-- 1 aditya aditya 17 Feb
-rw-r--r-- 1 aditya aditya 89 Feb
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ chmod u+x file1.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ ls -l
total 16
-rwxr--r-- 1 aditya aditya 72 Feb
                                      5 23:25 file1.txt
-rw-r--r-- 1 aditya aditya 97 Feb
                                      5 23:27 file2.txt
-rw-r--r-- 1 aditya aditya 17 Feb
                                      5 23:28 file3.txt
-rw-r--r-- 1 aditya aditya 89 Feb
                                      5 23:30 mergedfile.txt
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$
```

#### 13.less

adstyablaPIOW-JICESILE-/GLVGHT. S cat > globalwarming.txt
Global warming is related to the more general phenomenon of climate change, which refers to changes in the totality of attributes that define climate. In addition to changes in air tempera ture, climate change involves changes to precipitation patterns, winds, ocean currents, and other measures of Earth's climate. Normally, climate change can be viewed as the combination of various natural forces occurring over diverse timescales. Since the advent of human civilization, climate change has involved an "anthropogenic," or exclusively human-caused, element, and this anthropogenic element has become more important in the industrial period of the past two centuries. The term global warming is used specifically to refer to any warming of near-surface air during the past two centuries that can be traced to anthropogenic causes.

To define the concepts of global warming and climate change properly, it is first necessary to recognize that the climate of Earth has varied across many timescales, ranging from an individual human life span to billions of years. This variable climate history is typically classified in terms of "regimes" or "epochs." For instance, the Pleistocene glacial epoch (about 2,600,000 to 11,700 years ago) was marked by substantial variations in the global extent of glaciers and ice sheets. These variations took place on timescales of tens to hundreds of millennia and were driven by changes in the distribution of solar radiation across Earth's surface. The distribution of solar radiation is known as the insolation pattern, and it is strongly affected by the geometry of Earth's orbit around the Sun and by the orientation, or tilt, of Earth's axis relative to the direct rays of the Sun.

Worldwide, the most recent glacial period, or ice age, culminated about 21,000 years ago in what is often called the Last Glacial Maximum. During this time, continental ice sheets extended well into the middle latitude regions of Europe and North America, reaching as far south as present-day London and New York City. Global annual mean temperature appears to have been about 4-5 °C (7-9 °F) colder than in the mid-20th century. It is important to remember that these figures are a global average. In fact, during the height of this last ice age, Earth's climate was characterized by greater cooling at higher latitudes (that is, toward the poles) and relatively little cooling over large parts of the tropical oceans (near the Equator). This glacial interval terminated abruptly about 11,700 years ago and was followed by the subsequent relatively ice-free period known as the Holocene Epoch. The modern period of Earth's history is conventionally defined as residing within the Holocene. However, some scientists have argued that the Holocene Epoch terminated in the relatively recent past and that Earth currently resides in a climatic interval that could justly be called the Anthropocene Epoch-that is, a period during which humans have exerted a dominant influence over climate.

Though less dramatic than the climate changes that occurred during the Pleistocene Epoch, significant variations in global climate have nonetheless taken place over the course of the Holoc ene. During the early Holocene, roughly 9,800 years ago, atmospheric circulation and precipitation patterns appear to have been substantially different from those of today. For example, the ere is evidence for relatively wet conditions in what is now the Sahara Desert. The change from one climatic regime to another was caused by only modest changes in the pattern of insolation within the Holocene interval as well as the interaction of these patterns with large-scale climate phenomena such as monsoons and El Niño/Southern Oscillation (ENSO).

During the middle Holocene, some 5,000-7,000 years ago, conditions appear to have been relatively warm-indeed, perhaps warmer than today in some parts of the world and during certain seaso ns. For this reason, this interval is sometimes referred to as the Mid-Holocene Climatic Optimum. The relative warmth of average near-surface air temperatures at this time, however, is som ewhat unclear. Changes in the pattern of insolation favoured warmer summers at higher latitudes in the Northern Hemisphere, but these changes also produced cooler winters in the Northern H emisphere and relatively cool conditions year-round in the tropics. Any overall hemispheric or global mean temperature changes thus reflected a balance between competing seasonal and regio nal changes. In fact, recent theoretical climate model studies suggest that global mean temperatures during the middle Holocene were probably 0.2-0.3 °C (0.4-0.5 °F) colder than average la te 20th-century conditions.

Over subsequent millennia, conditions appear to have cooled relative to middle Holocene levels. This period has sometimes been referred to as the "Neoglacial." In the middle latitudes this cooling trend was associated with intermittent periods of advancing and retreating mountain glaciers reminiscent of (though far more modest than) the more substantial advance and retreat of the major continental ice sheets of the Pleistocene climate epoch.

```
aditya@LAPTOP-JTQ25I1G:-/dtl/dir1$ ls
file1.txt file2.txt file3.txt globalwarming.txt mergedfile.txt
aditya@LAPTOP-JTQ25I1G:-/dtl/dir1$ less globalwarming.txt
aditya@LAPTOP-JTQ25I1G:-/dtl/dir1$
aditya@LAPTOP-JTQ25I1G:~/dt
aditya@LAPTOP-JTQ25I1G:~/dt
```

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#### 14.head

aditya@LAPTOP-JTQ25IIG:-/dtl/dirl\$ ls filel.txt file2.txt file3.txt globalwarming.txt mergedfile.txt aditya@LAPTOP-JTQ25IIG:-/dtl/dirl\$ head globalwarming.txt

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aditya@LAPTOP-JT025I1G:~/dtl/dir1

#### 15.tail

```
$ ls
globalwarming.txt mergedfile.txt
$ tail globalwarming.txt
```

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Worldwide, the most recent glacial period, or ice age, culminated about 21,000 years ago in what is often called the Last Glacial Maximum. During this time, continental ice sheets extended well into the middle latitude regions of Europe and North America, reaching as far south as present-day London and New York City. Global annual mean temperature appears to have been about 4-5 °C (7-9 °F) colder than in the mid-20th century. It is important to remember that these figures are a global average. In fact, during the height of this last ice age, Earth's climate was characterized by greater cooling at higher latitudes (that is, toward the poles) and relatively little cooling over large parts of the tropical oceans (near the Equator). This glacial interval terminated abruptly about 11,700 years ago and was followed by the subsequent relatively ice-free period known as the Holocene Epoch. The modern period of Earth's history is conventionally defined as residing within the Holocene. However, some scientists have argued that the Holocene Epoch terminated in the relatively recent past and that Earth currently resides in a climatic interval that could justly be called the Anthropocene Epoch-that is, a period during which humans have exerted a dominant influence over climate.

Though less dramatic than the climate changes that occurred during the Pleistocene Epoch, significant variations in global climate have nonetheless taken place over the course of the Holoc ene. During the early Holocene, roughly 9,000 years ago, atmospheric circulation and precipitation patterns appear to have been substantially different from those of today. For example, the ere is evidence for relatively wet conditions in what is now the Sahara Desert. The change from one climatic regime to another was caused by only modest changes in the pattern of insolation within the Holocene interval as well as the interaction of these patterns with large-scale climate phenomena such as monsoons and El Niño/Southern Oscillation (ENSO).

During the middle Holocene, some 5,000-7,000 years ago, conditions appear to have been relatively warm-indeed, perhaps warmer than today in some parts of the world and during certain seaso ns. For this reason, this interval is sometimes referred to as the Mid-Holocene Climatic Optimum. The relative warmth of average near-surface air temperatures at this time, however, is som ewhat unclear. Changes in the pattern of insolation favoured warmer summers at higher latitudes in the Northern Hemisphere, but these changes also produced cooler winters in the Northern Hemisphera and relatively cool conditions year-round in the tropics. Any overall hemispheric or global mean temperature changes thus reflected a balance between competing seasonal and regio nal changes. In fact, recent theoretical climate model studies suggest that global mean temperatures during the middle Holocene were probably 0.2-0.3 °C (0.4-0.5 °F) colder than average la te 20th-century conditions.

Over subsequent millennia, conditions appear to have cooled relative to middle Holocene levels. This period has sometimes been referred to as the "Neoglacial." In the middle latitudes this cooling trend was associated with intermittent periods of advancing and retreating mountain glaciers reminiscent of (though far more modest than) the more substantial advance and retreat of the major continental ice sheets of the Pleistocene climate epoch.

# 16.grep

aditya@LAPTOP-JT025I1G:~/dt

```
file1.txt file2.txt file3.txt globalwarming.txt mergedfile.txt
adityaeLAPTOP-JTQ25IG: /dtl/dim $ grep epoch globalwarming.txt
To define the concepts of global warming and climate change properly, it is first necessary to recognize that the climate of Earth has varied across many timescales, ranging from an individual human life span to billions of years. This variable climate history is typically classified in terms of "regimes" or "epochs." For instance, the Pleistocene glacial epoch (about 2,600, 000 to 11,700 years ago) was marked by substantial variations in the global extent of glaciers and ice sheets. These variations took place on timescales of tens to hundreds of millennia a
nd were driven by changes in the distribution of solar radiation across Earth's surface. The distribution of solar radiation is known as the insolation pattern, and it is strongly affected
by the geometry of Earth's orbit around the Sun and by the orientation, or tilt, of Earth's axis relative to the direct rays of the Sun.
Over subsequent millennia, conditions appear to have cooled relative to middle Holocene levels. This period has sometimes been referred to as the "Neoglacial." In the middle latitudes this
  cooling trend was associated with intermittent periods of advancing and retreating mountain glaciers reminiscent of (though far more modest than) the more substantial advance and retreat
of the major continental ice sheets of the Pleistocene climate
                                                   irl$ grep -i epoch globalwarming.txt
```

AddityalLaPTOP\_102516: /dr/dipigrep -i epoch globalwarming.txt

To define the concepts of global warming and climate change properly, it is first necessary to recognize that the climate of Earth has varied across many timescales, ranging from an individual human life span to billions of years. This variable climate history is typically classified in terms of "regimes" or "pools." For instance, the Pleistocene glacial papel (about 2,600,000 to 11,700 years ago) was marked by substantial variations in the global extent of glaciers and ice sheets. The distribution of solar radiation stock place on timescales of tens to hundreds of millennia a nd were driven by changes in the distribution of solar radiation across Earth's surface. The distribution of solar radiation is known as the insolation pattern, and it is strongly affected by the geometry of Earth's orbit around the Sun and by the orientation, or tilt, of Earth's axis relative to the direct rays of the Sun.

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of the major continental ice sheets of the Pleistocene climate

ditva@LAPT OP-JTQ25I1G:~/d

#### 17.find

```
aditya@LAPTOP-JTQ25I1G:~$ find dtl
dtl/dir3
dtl/dir3/file1.txt
dtl/dir2
dtl/dir2/file1.txt
dtl/dir1
dtl/dir1/mergedfile.txt
dtl/dir1/file1.txt
dtl/dir1/file2.txt
dtl/dir1/file3.txt
dtl/dir1/globalwarming.txt
aditya@LAPTOP-JTQ25I1G:~$
```

# 18.df

```
aditya@LAPTOP-JT025I1G:~/dtl/dir1$ df
Filesystem
               1K-blocks
                              Used Available Use% Mounted on
                                               1% /
/dev/sdb
               263174212
                           1492368 248243688
none
                 3898200
                                 4
                                     3898196
                                               1% /mnt/wsl
               499282940 240489200 258793740 49% /init
tools
                                               0% /run
                 3898200
                                 0
                                     3898200
none
                                               0% /run/lock
                 3898200
                                 0
                                     3898200
none
                                 0
                                     3898200
                                               0% /run/shm
                 3898200
none
                 3898200
                                 0
                                     3898200
                                               0% /run/user
none
tmpfs
                 3898200
                                 0
                                     3898200
                                               0% /svs/fs/cgroup
                                              49% /usr/lib/wsl/drivers
drivers
               499282940 240489200 258793740
               499282940 240489200 258793740 49% /usr/lib/wsl/lib
lib
               499282940 240489200 258793740 49% /mnt/c
drvfs
aditva@LAPTOP-JT025I1G:~/dtl/dir1$
```

```
aditya@LAPTOP-JT025I1G:~/dtl/dir1$ df -h
                Size Used Avail Use% Mounted on
Filesystem
/dev/sdb
                251G
                     1.5G 237G
                                   1% /
                                   1% /mnt/wsl
                3.8G 4.0K
                            3.8G
none
                     230G
                           247G
                                 49% /init
tools
                477G
                                   0% /run
                3.8G
                         0
                           3.8G
none
                                   0% /run/lock
                3.8G
                         0
                            3.8G
none
                3.8G
                         0
                           3.8G
                                   0% /run/shm
none
                           3.8G
                                   0% /run/user
none
                3.8G
                         0
                                   0% /sys/fs/cgroup
tmpfs
                3.8G
                         0
                           3.8G
                     230G 247G
                                  49% /usr/lib/wsl/drivers
drivers
                477G
                                  49% /usr/lib/wsl/lib
lib
                477G
                      230G
                            247G
                                  49% /mnt/c
drvfs
                477G
                      230G
                            247G
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$
```

```
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ df -m
Filesystem
               1M-blocks
                            Used Available Use% Mounted on
                                              1% /
/dev/sdb
                   257007
                            1458
                                     242426
                                              1% /mnt/wsl
none
                     3807
                               1
                                       3807
                   487581 234855
                                             49% /init
tools
                                     252727
                     3807
                               Θ
                                       3807
                                              0% /run
none
                                              0% /run/lock
                               0
                     3807
                                       3807
none
none
                     3807
                               0
                                       3807
                                              0% /run/shm
                                              0% /run/user
                     3807
                               0
                                       3807
none
                                       3807
                                              0% /sys/fs/cgroup
tmpfs
                     3807
                               0
drivers
                   487581 234855
                                     252727
                                             49% /usr/lib/wsl/drivers
                                             49% /usr/lib/wsl/lib
lib
                   487581 234855
                                     252727
drvfs
                   487581 234855
                                     252727
                                             49% /mnt/c
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$
```

```
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ df -k
Filesystem
               1K-blocks
                              Used Available Use% Mounted on
/dev/sdb
               263174212
                           1492368 248243688
                                                1% /
                                                1% /mnt/wsl
none
                 3898200
                                  4
                                      3898196
               499282940 240490468 258792472
tools
                                               49% /init
                                      3898200
                                                0% /run
none
                 3898200
                                  0
                 3898200
                                  0
                                      3898200
                                                0% /run/lock
none
                 3898200
                                 0
                                      3898200
                                                0% /run/shm
none
                                 0
                                      3898200
                                                0% /run/user
none
                 3898200
tmpfs
                 3898200
                                 0
                                      3898200
                                                0% /svs/fs/cgroup
drivers
               499282940 240490468 258792472
                                               49% /usr/lib/wsl/drivers
               499282940 240490468 258792472
                                               49% /usr/lib/wsl/lib
lib
               499282940 240490468 258792472 49% /mnt/c
drvfs
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$
```

```
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ df -T
               Type 1K-blocks
                                    Used Available Use% Mounted on
Filesystem
               ext4
                                                      1% /
/dev/sdb
                     263174212
                                 1492368 248243688
none
               tmpfs
                       3898200
                                       4
                                            3898196
                                                      1% /mnt/wsl
                     499282940 240490964 258791976
               9p
                                                     49% /init
tools
               tmpfs
                       3898200
                                       0
                                            3898200
                                                      0% /run
none
                                       0
                                                      0% /run/lock
               tmpfs
                       3898200
                                            3898200
none
                                       0
                                                      0% /run/shm
none
               tmpfs
                       3898200
                                            3898200
                                                      0% /run/user
                       3898200
                                            3898200
none
               tmpfs
                                       0
               tmpfs
                       3898200
                                       0
                                            3898200
                                                      0% /sys/fs/cgroup
tmpfs
                     499282940 240490964 258791976
drivers
                                                     49% /usr/lib/wsl/drivers
               9p
                                                     49% /usr/lib/wsl/lib
lib
               9p
                     499282940 240490964 258791976
                     499282940 240490964 258791976
                                                     49% /mnt/c
drvfs
               9p
aditya@LAPTOP-JT025I1G:~/dtl/dir1$
```

#### 19.du

```
aditya@LAPTOP-JTQ25I1G:~/dtl/

4 /home/aditya/dtl/dir3

4 /home/aditya/dtl/dir2

28 /home/aditya/dtl/dir1

40 /home/aditya/dtl/
                                                           :<mark>l/dir1$ du /home/adit</mark>ya/dtl/
aditya@LA
                                                              \frac{\text{dir}1}{\text{dir}} du -s /home/aditya/dtl/
40
                  /home/aditya/dtl/
aditya@LA
                                                              <mark>/dir1</mark>$ du -m /home/aditya/dtl/
                 /home/aditya/dtl/dir3
/home/aditya/dtl/dir2
/home/aditya/dtl/dir1
/home/aditya/dtl/
1
1
/h
aditya@LAF
4
                                                               <mark>dir1</mark>$ du -k /home/aditya/dtl/
                 /home/aditya/dtl/dir3
/home/aditya/dtl/dir2
/home/aditya/dtl/dir1
/home/aditya/dtl/
4
28
40
aditya@LA
4.0K /
4.0K /
28K /
                                                               <mark>dir1</mark>$ du -h /home/aditya/dtl/
                 /home/aditya/dtl/dir3
/home/aditya/dtl/dir2
/home/aditya/dtl/dir1
/home/aditya/dtl/
40K
aditya@LAPTOP-JTQ25I1G:~
                                                             /dir1$
```

#### **20.cat**

```
aditya@LAPTOP-JTQ25IIG:~/dtl/dir1$ cat file1.txt
Hello I'm Aditya.
This line will get appended to the contents of file1.
aditya@LAPTOP-JTQ25IIG:~/dtl/dir1$ cat file2.txt
This is a line in file2.
Hello I'm Aditya.
This line will get appended to the contents of file1.
aditya@LAPTOP-JTQ25IIG:~/dtl/dir1$ diff file1.txt file2.txt
0a1
> This is a line in file2.
aditya@LAPTOP-JTQ25IIG:~/dtl/dir1$ diff -c file1.txt file2.txt
*** file1.txt 2023-02-05 23:25:01.525625037 +0530
--- file2.txt 2023-02-05 23:27:11.885623814 +0530
*************
--- 1,3 ----
+ This is a line in file2.
Hello I'm Aditya.
This line will get appended to the contents of file1.
aditya@LAPTOP-JTQ25IIG:~/dtl/dir1$ diff -u file1.txt file2.txt
--- file1.txt 2023-02-05 23:25:01.525625037 +0530
+++ file2.txt 2023-02-05 23:25:01.525625037 +0530
@ -1,2 +1,3 @@
+This is a line in file2.
Hello I'm Aditya.
This line will get appended to the contents of file1.
aditya@LAPTOP-JTQ25IIG:~/dtl/dir1$
```

#### 21.tar

```
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 dir2 dir3
aditya@LAPTOP-JTQ25IIG:~/dtl$ tar -cvf newarchive.tar /home/aditya/dtl/dir1
tar: Removing leading `/' from member names
/home/aditya/dtl/dir1/mergedfile.txt
/home/aditya/dtl/dir1/file1.txt
/home/aditya/dtl/dir1/file2.txt
/home/aditya/dtl/dir1/file3.txt
/home/aditya/dtl/dir1/globalwarming.txt
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 dir2 dir3 newarchive.tar
aditya@LAPTOP-JTQ25IIG:~/dtl$
```

### 22.zip,unzip

```
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 dir2 dir3 newarchive.tar
aditya@LAPTOP-JTQ25IIG:~/dtl$ zip newzip.zip /home/aditya/dtl/dir1
  adding: home/aditya/dtl/dir1/ (stored 0%)
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 dir2 dir3 newarchive.tar newzip.zip
aditya@LAPTOP-JTQ25IIG:~/dtl$ unzip newzip.zip
Archive: newzip.zip
  creating: home/aditya/dtl/dir1/
aditya@LAPTOP-JTQ25IIG:~/dtl$ ls
dir1 dir2 dir3 home newarchive.tar newzip.zip
aditya@LAPTOP-JTQ25IIG:~/dtl$ $\]
```

#### 23.sudo

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ sudo apt install zip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
zip is already the newest version (3.0-12build2).
0 upgraded, 0 newly installed, 0 to remove and 21 not upgraded.
aditya@LAPTOP-JTQ25I1G:~/dtl$
```

# 24.chmod

```
aditya@LAPTOP-JTQ25IIG:~/dtl/dirl$ ls
file1.txt file2.txt file3.txt globalwarming.txt mergedfile.txt
aditya@LAPTOP-JTQ25IIG:~/dtl/dirl$ ls -l
total 24
-rwxr-r-- 1 aditya aditya 72 Feb 5 23:25 file1.txt
-rwr-r-- 1 aditya aditya 17 Feb 5 23:27 file2.txt
-rwr-r-- 1 aditya aditya 17 Feb 5 23:28 file3.txt
-rwr-r-- 1 aditya aditya 5207 Feb 6 00:10 globalwarming.txt
-rwr-r-- 1 aditya aditya 89 Feb 5 23:30 mergedfile.txt
aditya@LAPTOP-JTQ25IIG:~/dtl/dirl$ chmod +x file2.txt
aditya@LAPTOP-JTQ25IIG:~/dtl/dirl$ ls
file1.txt file2.txt file3.txt globalwarming.txt mergedfile.txt
aditya@LAPTOP-JTQ25IIG:~/dtl/dirl$ ls -l
total 24
-rwxr-r--- 1 aditya aditya 72 Feb 5 23:25 file1.txt
-rwr-r-r-- 1 aditya aditya 97 Feb 5 23:27 file2.txt
-rw-r-r--- 1 aditya aditya 17 Feb 5 23:28 file3.txt
-rw-r-r--- 1 aditya aditya 89 Feb 5 23:30 mergedfile.txt
aditya@LAPTOP-JTQ25IIG:~/dtl/dirl$ chmod +777 file1.txt
aditya@LAPTOP-JTQ25IIG:~/dtl/dirl$ ls -l
total 24
-rwxrwxrwx 1 aditya aditya 72 Feb 5 23:25 file1.txt
-rwr-r-r-- 1 aditya aditya 97 Feb 5 23:27 file2.txt
-rwr-r-r-- 1 aditya aditya 97 Feb 5 23:28 file3.txt
-rwr-r-r-- 1 aditya aditya 97 Feb 5 23:28 file3.txt
-rw-r-r--- 1 aditya aditya 97 Feb 5 23:28 file3.txt
-rw-r-r--- 1 aditya aditya 97 Feb 5 23:28 file2.txt
-rw-r-r--- 1 aditya aditya 97 Feb 5 23:28 file2.txt
-rw-r-r--- 1 aditya aditya 97 Feb 5 23:28 file2.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:25 file1.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:25 file1.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:25 file2.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:25 file2.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:27 file2.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:27 file2.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:28 file3.txt
-rw-r---- 1 aditya aditya 72 Feb 5 23:28 file3.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:28 file3.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:28 file3.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:28 file3.txt
-rw-r----- 1 aditya aditya 72 Feb 5 23:28 file3.txt
-rw-r---- 1 aditya aditya 72 Feb 5 23:28 file3.txt
-rw-r---- 1 adi
```

### 25.hostname

```
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$ hostname
LAPTOP-JTQ25I1G
aditya@LAPTOP-JTQ25I1G:~/dtl/dir1$
```

# 26.ifconfig

```
aditya@LAPTOP—JTQ2511G: -/dt1$ whatis ifconfig
ifconfig (8) — configure a network interface
aditya@LAPTOP—JTQ2511G: -/dt1$ ifconfig
eth0: flags=#163<UP, BROADCAST, RUNNING, MULTICAST> mtu 1500
inet 172.23.23.3 netmask 255.555.240.0 broadcast 172.23.31.255
inet6 fe80::215:5dff:feae:7000 prefixlen 64 scopeid 0x20link> ether 00:15:5d.ae:70:00 txqueuelen 1000 (Ethernet)
RX packets 1943 bytes 790979 (790.9 kB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 363 bytes 27270 (27.2 kB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP, LOOPBACK, RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10</br>
RX packets 0 bytes 0 (0.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 0 bytes 0 (0.0 B)
RX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

aditya@LAPTOP—JTQ2511G: -/dt1$ ifconfig —v
eth0: flags=#163<UP, BROADCAST, RUNNING, MULTICAST> mtu 1500
inet0 17.20.33 netmask 250.255.2440 p broadcast 172.23.31.255
inet0 17.20.25 netmask 250.255.2440 p broadcast 172.23.31.255
```

#### 27.free

	total	used	free	shared	buff/cache	available
Mem:	7796404	107756	7492524	72	196124	7461468
Swap:	2097152	0	2097152			
aditya@l	LAPTOP-JTQ25I1	G:~/dtl\$ fre	e -m			
	total	used	free	shared	buff/cache	available
Mem:	7613	105	7316	Θ	191	7286
Swap:	2048	0	2048			
aditya@l	LAPTOP-JTQ25I1	G:~/dtl\$ fre	e -k			
	total	used	free	shared	buff/cache	available
Mem:	7796404	107640	7492524	72	196240	7461576
Swap:	2097152	0	2097152			
aditya@l	LAPTOP-JTQ25I1	G:~/dtl\$ fre	e -b			
	total	used	free	shared	buff/cache	available
Mem:	7983517696	110288896	7672279040	73728	200949760	7640588288
Swap:	2147483648	0	2147483648			

#### 28.watch

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ watch -d free -m
```

```
Every 2.0s: free -m

total used free shared buff/cache available

Mem: 7613 106 7315 0 191 7285

Swap: 2048 0 2048
```

#### 29.cal

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ cal
February 2023
Su Mo Tu We Th Fr Sa
1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28

aditya@LAPTOP-JTQ25I1G:~/dtl$ ncal
February 2023
Su 5 12 19 26
Mo 6 13 20 27
Tu 7 14 21 28
We 1 8 15 22
Th 2 9 16 23
Fr 3 10 17 24
Sa 4 11 18 25
```

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ cal 2023
2023
January February
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr
1 2 3 4 5 6 7 1 2 3
8 9 10 11 12 13 14 5 6 7 8 9 10
15 16 17 18 19 20 21 12 13 14 15 16 17
22 23 24 25 26 27 28 19 20 21 22 23 24
29 30 31 26 27 28
                                                                                                                                                                                                                   March
Su Mo Tu We
1
5 6 7 8
12 13 14 15
19 20 21 22
26 27 28 29
                                                                                                                                                                                                Sa
4
11
18
25
                                                                                                                                                                                                                                                                            Th
2
9
16
23
30
                                                                                                                                                                                                                                                                                          Fr
3
10
17
24
31
                                                                                                                                       May
Tu We
2 3
9 10
16 17
23 24
30 31
    April
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
                                                                                                                                                                                                                   Su Mo Tu We Th Fr
1 2
4 5 6 7 8 9
11 12 13 14 15 16
18 19 20 21 22 23
25 26 27 28 29 30
                                                                                                          Su Mo
1
7 8
14 15
21 22
28 29
                                                                                                                                                                  Th Fr Sa
4 5 6
11 12 13
18 19 20
25 26 27
    9
16
23
30
July
Su Mo Tu We Th Fr Sa
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
                                                                                                                                      August
Tu We Th
1 2 3
8 9 10
15 16 17
22 23 24
29 30 31
                                                                                                                                                                                                                   September
Su Mo Tu We Th Fr
1
3 4 5 6 7 8
10 11 12 13 14 15
17 18 19 20 21 22
24 25 26 27 28 29
                                                                                                                                                                                  Fr Sa
4 5
11 12
18 19
25 26
                                                                                                            Su Mo
                                                                                                                                                                                                                                                                                                        Sa
9
16
23
30
                                                                                                                         7
14
21
28
                 3 4 5 6
10 11 12 13
17 18 19 20
24 25 26 27
31
                                                                                                            6
13
20
27
                               October
Tu We Th
3 4 5
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17 18 19
24 25 26
31
                                                                                                                                      November
Tu We Th
1 2
7 8 9
14 15 16
21 22 23
28 29 30
                                                                                                                                                                                                                                               December
Tu We Th
5 6 7
12 13 14
19 20 21
26 27 28
                                                                         Fr Sa
6 7
13 14
20 21
27 28
                                                                                                                                                                                   Fr Sa
3 4
10 11
17 18
24 25
                                                                                                            Su Mo
     Su
8
15
22
29
                  Mo
2
9
16
23
30
                                                                                                                                                                                                                     Su Mo
                                                                                                                                                                                                                                                                                          Fr
1
8
15
22
29
                                                                                                                                                                                                                                                                                                        Sa
9
16
23
30
                                                                                                                                                                                                                3 4 5
10 11 12
17 18 19
24 25 26
31
                                                                                                            5
12
19
26
                                                                                                                         6
13
20
27
```

#### 30.useradd

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ ls /home/
aditya
aditya@LAPTOP-JTQ25I1G:~/dtl$ sudo useradd vampire -m
aditya@LAPTOP-JTQ25I1G:~/dtl$ sudo passwd vampire

New password:
Retype new password:
passwd: password updated successfully
aditya@LAPTOP-JTQ25I1G:~/dtl$
```

#### 31.userdel

```
aditya@LAPTOP-JTQ25I1G:~/dtl$ ls /home/
aditya vampire
aditya@LAPTOP-JTQ25I1G:~/dtl$ sudo userdel -r vampire
userdel: vampire mail spool (/var/mail/vampire) not found
aditya@LAPTOP-JTQ25I1G:~/dtl$ ls /home/
aditya
aditya@LAPTOP-JTQ25I1G:~/dtl$
```

# **32.top**

```
aditya@LAPTOP-JT02511G:-$ top
top - 00:57:46 up 2:08, 0 users, load average: 0.00, 0.00, 0.00
Tasks: 8 total, 1 running, 4 sleeping, 3 stopped, 0 zombie
%Cpu(s): 0.0 us, 0.0 sy, 0.0 ni,100.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0
MiB Mem: 7613.7 total, 7311.3 free, 108.1 used, 194.3 buff/cache
MiB Swap: 2048.0 total, 2048.0 free, 0.0 used. 7283.7 avail Mem
  PTD IISER
                                                   PR NT
                                                                                    VTRT
                                                                                                                                     SHR S %CPU %MEM
                                                                                                                                                                                                           TIME+ COMMAND
                                                   20
20
20
20
20
20
20
                                                                                                                                                                                 0.0
0.0
0.0
0.1
0.0
0.0
       85 root
86 root
87 aditya
729 aditya
785 aditya
939 aditya
                                                                                                                                                                                                   0:00.00 init
0:01.20 init
0:01.39 bash
0:00.02 watch
0:00.00 watch
                                                                                                          476
476
5704
3380
3264
3600
                                                                                                                                 0 S
0 S
3412 S
2468 T
2352 T
3000 T
                                                                                    2240
2240
6684
                                                                                                                                                             0.0
0.0
0.0
0.0
0.0
                                                                                    4300
4300
                                                                                     7780
7780
       941 aditva
                                                                                                           3692
                                                                                                                                 3096 R
                                                                                                                                                                                 0.0
                                                                                                                                                                                                    0:00.00 top
```

# 33.ping

```
aditya@LAPTOP-JTQ2511G:- $ ping www.cricbuzz.com
PING e29503.a.akamaiedge.net (49.44.183.104) 56(84) bytes of data.
64 bytes from 49.44.183.104: icmp_seq=1 ttl=56 time=101 ms
64 bytes from 49.44.183.104: icmp_seq=2 ttl=56 time=102 ms
64 bytes from 49.44.183.104: icmp_seq=3 ttl=56 time=103 ms
64 bytes from 49.44.183.104: icmp_seq=4 ttl=56 time=127 ms
64 bytes from 49.44.183.104: icmp_seq=5 ttl=56 time=127 ms
64 bytes from 49.44.183.104: icmp_seq=6 ttl=56 time=134 ms
64 bytes from 49.44.183.104: icmp_seq=7 ttl=56 time=132 ms
64 bytes from 49.44.183.104: icmp_seq=8 ttl=56 time=132 ms
64 bytes from 49.44.183.104: icmp_seq=9 ttl=56 time=122 ms
64 bytes from 49.44.183.104: icmp_seq=10 ttl=56 time=122 ms
64 bytes from 49.44.183.104: icmp_seq=11 ttl=56 time=122 ms
64 bytes from 49.44.183.104: icmp_seq=11 ttl=56 time=129 ms
64 bytes from 49.44.183.104: icmp_seq=12 ttl=56 time=120 ms
64 bytes from 49.44.183.104: icmp_seq=12 ttl=56 time=102 ms
64 bytes from 49.44.183.104: icmp_seq=15 ttl=56 time=102 ms
64 bytes from 49.44.183.104: icmp_seq=15 ttl=56 time=102 ms
64 bytes from 49.44.183.104: icmp_seq=16 ttl=56 time=133 ms
64 bytes from 49.44.183.104: icmp_seq=16 ttl=56 time=130 ms
64 bytes from 49.44.183.104: icmp_seq=16 ttl=56 time=136 ms
64 bytes from 49.44.183.104: icmp_seq=17 ttl=56 time=136 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=137 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=131 ms
64 bytes from 49.44.183.104: icmp_seq=20 ttl=56 time=131 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=131 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=118 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=137 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=118 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=118 ms
64 bytes from 49.44.183.104: icmp_seq=21 ttl=56 time=118 ms
64 bytes from 49.44.183.104: icmp_seq=27 ttl=56 time=118 ms
64 bytes from 49.44.183.104: icmp_seq=29 ttl=56 time=110 ms
64 bytes from 49.44.183.104: icmp_seq=29 ttl=56 time=120 ms
64 bytes from 49.44
```

#### 34.uname

```
aditya@LAPTOP-JTQ25I1G:-$ uname
Linux
aditya@LAPTOP-JTQ25I1G:-$ uname -a
Linux LAPTOP-JTQ25I1G:-$ uname -s
Linux
aditya@LAPTOP-JTQ25I1G:-$ uname -s
Linux
aditya@LAPTOP-JTQ25IIG:-$ uname -n
LAPTOP-JTQ25IIG:-$ uname -n
LAPTOP-JTQ25IIG:-$
```

# 35.wget

```
aditya@LAPTOP-JTQ25I1G:-$ wget https://www.cricbuzz.com/cricket-news/125408/injured-hazlewood-set-to-miss-first-test-in-doubt-for-second --2023-02-06 01:05:26-- https://www.cricbuzz.com/cricket-news/125408/injured-hazlewood-set-to-miss-first-test-in-doubt-for-second Resolving www.cricbuzz.com (www.cricbuzz.com)... 49.44.183.104, 49.44.183.72, 64:ff9b::312c:b748, ...

Connecting to www.cricbuzz.com (www.cricbuzz.com)|49.44.183.104|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: unspecified [text/html]

Saving to: 'injured-hazlewood-set-to-miss-first-test-in-doubt-for-second'

injured-hazlewood-set-to-miss-first [ <=> ] 86.40K 15.3KB/s in 5.6s

2023-02-06 01:05:34 (15.3 KB/s) - 'injured-hazlewood-set-to-miss-first-test-in-doubt-for-second' saved [88478]

aditya@LAPTOP-JTQ25IIG:-$
```

#### 36.man

# aditya@LAPTOP-JTQ25I1G:~\$ man sudo

```
NAME

sudo, sudoedit - execute a command as another user

SYNOPSIS

sudo - h | -k | -k | -V |
sudo - v | [-ABM:5] [-g group] [-h host] [-p prompt] [-u user] [-u user] [-u user] [-u user] [-c num] [-D directory] [-g group] [-h host] [-p prompt] [-u user] [-u user] [-c num] [-D directory] [-g group] [-h host] [-p prompt] [-h host] [-p prompt] [-R directory] [-r role] [-t type] [-T timeout] [-u user] [-w | [-ABM:5] [-c num] [-D directory] [-g group] [-h host] [-p prompt] [-R directory] [-r role] [-t type] [-T timeout] [-u user] [-w | [-x | [-x
```

# 37.history

```
aditya@LAPTOP-JTQ25I1G:-$ history
1 cleR
2 clear
3 ls
         clear
ls
clear
         vi add.c
         gcc add.c
          sudo apt install gcc
         gcc add.c
apt-get update
--fix-missing
     8
9
         clear
    12
13
         vi add.c
         gcc add.c
sudo apt install gcc
         sudo apt instatt get
sudo apt-get update
sudo apt install gcc
    15
    16
17
         gcc add.c
    19
20
         cd /mnt/
ls
cd c
    21
22
23
24
25
26
          cd "/mnt/c/Users/Aditya Ingle/OneDrive/Desktop/wslFiles"
          clear
          vi add.c
    28
29
30
          gcc add.c
         ./a.out
vi add.c
          gcc add.c
    32
          vi add.c
         gcc add.c
./a.out
clear
    33
    35
    36
         vi add.c
          gcc add.c
```

```
aditya@LAPTOP-JTQ25I1G:~$ history -c
aditya@LAPTOP-JTQ25I1G:~$ history
1 history
aditya@LAPTOP-JTQ25I1G:~$ ■
```

#### 38.netstat

```
aditya@LAPTOP-JTQ25IIG: $ whatis netstat
netstat (8) - Print network connections, routing tables, interface statistics, masquerade connections, and multicast memberships
aditya@LAPTOP-JTQ25IIG: $ netstat
 netstat (8)
aditya@LAPTOP-JTQ25I16: $ netstat

Active Internet connections (w/o servers)

Proto Recv-Q Send-Q Local Address Foreign Ac
udp 3072 0 172.23.23.3:44513 LAPTOP-JT(
Active UNIX domain sockets (w/o servers)

Proto RefCnt Flags Type State I-Nc
aditya@LAPTOP-JTQ25I16: $ netstat -a

Active Internet connections (servers and established)
                                                                                                              Foreign Address State
LAPTOP-JTQ25I1G.:domain ESTABLISHED
                                                                                                                            I-Node Path
                                                                                                             Proto Recv-Q Send-Q Local Address Foreign A udp 3072 0 172.23.23.3:44513 LAPTOP-JT raw 0 0.0.0.0:cimp 0.0.0.0:* raw6 0 0 [::]:ipv6-icmp [::]:* Active UNIX domain sockets (servers and established)
Proto RefCnt Flags Type State
unix 2 [ACC] SEQPACKET LISTENING
unix 2 [ACC] SEQPACKET LISTENING
aditya@LAPTOP-JTQ25TIG:-$ netstat -l
Active Internet connections (only servers)
                                                                                                                             I-Node
17287
                                                                                                                                                   Path
                                                                                                                                                   /run/WSL/1_interop
/run/WSL/86_interop
                                                                                                                             17469
Active Internet connections (only servers)

Proto Recv-Q Send-Q Local Address Foraw 0 00.0.0:icmp 0.

raw6 0 0[::]:ipv6-icmp [:

Active UNIX domain sockets (only servers)

Proto RefCnt Flags Type State

unix 2 [ACC] SEQPACKET LISTENING

unix 2 [ACC] SEQPACKET LISTENING

additional APTOP-ITO25TIG--
                                                                                                                                                                          State
                                                                                                             Foreign Address
                                                                                                              0.0.0.0:*
                                                                                                               [::]:*
                                                                                                                              I-Node
                                                                                                                             17287
17469
                                                                                                                                                    /run/WSL/1_interop
                                                                                                                                                    /run/WSL/86_interop
   aditya@LAPTOP-JTQ25I1G:~$
```

# 39.whoami

```
aditya@LAPTOP-JTQ25I1G:~$ whoami aditya aditya@LAPTOP-JTQ25I1G:~$ ■
```

# 40.exit

```
aditya@LAPTOP-JTQ25I1G:~$ exit logout There are stopped jobs. aditya@LAPTOP-JTQ25I1G:~$ ■
```