



nikhil@Nikhil:~\$ history 5

152 sudo apt install gimp

153 sudo passwd nikhil

154 ping google.com

155 clear

156 history 5

nikhil@Nikhil:~\$!!

history 5

152 sudo apt install gimp

153 sudo passwd nikhil

154 ping google.com

155 clear

156 history 5

nikhil@Nikhil:~\$ ping google.com

PING google.com (142.250.183.110) 56(84) bytes of data.

64 bytes from bom12s13-in-f14.1e100.net (142.250.183.110): icmp_seq=1 ttl=119 time=19.7 ms

64 bytes from bom12s13-in-f14.1e100.net (142.250.183.110): icmp_seq=2 ttl=119 time=7.55 ms

64 bytes from bom12s13-in-f14.1e100.net (142.250.183.110): icmp_seq=3 ttl=119 time=8.94 ms

^C

--- google.com ping statistics ---

3 packets transmitted, 3 received, 0% packet loss, time 2009ms



nikhil@Nikhil: ~



```
nikhil@Nikhil:~$ passwd
Changing password for nikhil.
current password:
New password:
Retype new password:
passwd: password updated successfully
nikhil@Nikhil:~$
nikhil@Nikhil:~$ whoami
nikhil
nikhil@Nikhil:~$
nikhil@Nikhil:~$ echo $USER
nikhil
nikhil@Nikhil:~$
nikhil@Nikhil:~$ nano chmod 777 new.txt
nikhil@Nikhil:~$ cat new.txt
hello
welcome to new file
today it is 13-04-2023
nikhil@Nikhil:~$
nikhil@Nikhil:~$ wc new.txt
 3  9 49 new.txt
nikhil@Nikhil:~$ |
```



nikhil@Nikhil:~\$

nikhil@Nikhil:~\$ stat -c "%a %n" new.txt

664 new.txt

nikhil@Nikhil:~\$ nano checknum.sh

nikhil@Nikhil:~\$ cat checknum.sh

```
read -p "Enter a number : " a
```

```
if [$a -gt 0]
```

```
then
```

```
echo "$a is positive"
```

```
elif[$a -lt 0]
```

```
then
```

```
echo "$a is negative"
```

```
else
```

```
echo "$a is zero"
```

```
fi
```

nikhil@Nikhil:~\$ ^C

nikhil@Nikhil:~\$

nikhil@Nikhil:~\$./checknum.sh 5

bash: ./checknum.sh: Permission denied

nikhil@Nikhil:~\$

nikhil@Nikhil:~\$ ls -l checknum.sh

```
-rw-rw-r-- 1 nikhil nikhil 142 Apr 13 14:07 checknum.sh
```

nikhil@Nikhil:~\$

nikhil@Nikhil:~\$ |



nikhil@Nikhil: ~



nik
nik
6 6 4
nik
nik
rea
if
the
ech
eli
the
ech
els
ech
fi
nik

< > Home



Recent

Starred

Home

Documents

Downloads

Music

Pictures

Videos

Trash

Ubuntu 22.0...



+ Other Locations



Desktop



directory1



Documents



Downloads



Music



Pictures



Public



snap



Templates



Videos



address.txt



checknum.
sh



city.txt



demo.txt



myfile.tar



myfile.txt



name.txt



new.txt



temp.sh

"checknum.sh" selected (142 bytes)



nikhil@Nikhil: ~



GNU nano 6.2

checknum.sh

#!/bin/bash

read -p "Enter a number : " a

if [\$a -gt 0]; then echo "\$a is positive"

elif [\$a -lt 0]; then echo "\$a is negative"

else

echo "\$a is zero"

fi

[Read 9 lines]

^G Help

^O Write out

^W Where Is

^K Cut

^T Execute

^C Location

^X Exit

^R Read File

^_ Replace

^U Paste

^J Justify

^_ Go To Line



nikhil@Nikhil: ~



nikhil@Nikhil:~\$

nikhil@Nikhil:~\$ chmod +x checknum.sh

nikhil@Nikhil:~\$

nikhil@Nikhil:~\$./checknum.sh

Enter a number : 10

10 is positive

nikhil@Nikhil:~\$

nikhil@Nikhil:~\$./checknum.sh -7

Enter a number : -7

-7 is negative

nikhil@Nikhil:~\$

nikhil@Nikhil:~\$ 0

0: command not found

nikhil@Nikhil:~\$./checknum.sh

Enter a number : 0

0 is zero

nikhil@Nikhil:~\$ |



```
nikhil@Nikhil:~$ cmp address.txt city.txt
address.txt city.txt differ: byte 6, line 2
```

```
nikhil@Nikhil:~$
```

```
nikhil@Nikhil:~$ comm address.txt city.txt
                pune
```

```
                chennai
```

```
                indore
```

```
comm: file 2 is not in sorted order
```

```
                banglore
```

```
jaipur
```

```
                jalgaon
```

```
comm: input is not in sorted order
```

```
nikhil@Nikhil:~$
```

```
nikhil@Nikhil:~$ sort -n city.txt
```

```
banglore
```

```
chennai
```

```
indore
```

```
jalgaon
```

```
pune
```

```
nikhil@Nikhil:~$ |
```