

```
ananya_11@LAPTOP-N1FN0469:~$ history
```

```
 1 date
 2 bc
 3 sudo apt update
 4 sudo apt upgrade
 5 clear
 6 echo$SHELL
 7 echo bash
 8 echo $SHELL
 9 printenv SHELL
10 whoami
11 whatis echo
12 whatis printenv
13 echo i am an techie
14 echo i love LTTS
15 whatis whoami
16 whatis cat
17 whereis cat
18 whereis gcc
19 info cat
20 sudo apt install gcc
21 clear
22 sudo apt install build-essential
23 date
24 date "+%D"
25 date "+%Y-%m-%d"
26 date "+%Y/%m/%d"
```

```
27 date "+%A %B %d %Y %T"
28 date --date "tomorrow"
29 date --date "2 years ago"
30 man date
31 clear
32 cal
33 sudo apt install ncal
34 cal
35 cal 7 2025
36 cal 5 2025
37 cal 2025
38 cal -3 2025
39 cal -3
40 clear
41 ps
42 exit
43 sudo
44 sudo -su
45 sudo apt update
46 date
47 sudo apt upgrade
48 date
49 bc
50 bc <<< "12/5"
51 bc <<< "scale=2; 12/5"
52 bc <<< "2>5"
53 bc <<< "2^10"
```

```
54  uname
55  uname -o
56  uname -i
57  uname -n
58  uname -v
59  uname -m
60  uname -r
61  uname -a
62  echo "Welcome to Linux"
63  echo -e "Hello \t World"
64  echo -n "Hello World"
65  echo "Welcome to \"Linux\""
66  echo `date`
67  echo "This is
68  Linux
69  history
```

ananya_11@LAPTOP-N1FN0469:~\$ Training

Training: command not found

ananya_11@LAPTOP-N1FN0469:~\$ for

-bash: syntax error near unexpected token `newline'

ananya_11@LAPTOP-N1FN0469:~\$ echo "This is

> Linux

> Training

> for

> Notchup

> July 2025"

This is

```
ananya_11@LAPTOP-N1FN046  x  +  v  -  □  ×  
This is  
Linux  
Training  
for  
Notchup  
July 2025  
ananya_11@LAPTOP-N1FN0469:~$ echo "This is Linux Training for Notchup July 2025"  
This is Linux Training for Notchup July 2025  
ananya_11@LAPTOP-N1FN0469:~$ printf "Linux training"  
Linux trainingananya_11@LAPTOP-N1FN0469:~$ printf "Linux training\n"  
Linux training  
ananya_11@LAPTOP-N1FN0469:~$ printf "My shell is %s\n" $SHELL  
My shell is /bin/bash  
ananya_11@LAPTOP-N1FN0469:~$ seq 1 10  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
ananya_11@LAPTOP-N1FN0469:~$ seq 1 3 10  
1  
4
```



```
ananya_11@LAPTOP-N1FN0469:~$ seq 10 -1 1
```

```
10
```

```
9
```

```
8
```

```
7
```

```
6
```

```
5
```

```
4
```

```
3
```

```
2
```

```
1
```

```
ananya_11@LAPTOP-N1FN0469:~$ seq 20 -2 0
```

```
20
```

```
18
```

```
16
```

```
14
```

```
12
```

```
10
```

```
8
```

```
6
```

```
4
```

```
2
```

```
0
```

```
ananya_11@LAPTOP-N1FN0469:~$ seq 20 -2 0
```

```
20
```

```
18
```

```
16
```

```
ananya_11@LAPTOP-N1FN046  X  +  v
ananya_11@LAPTOP-N1FN0469:~$ seq 20 -2 0
20
18
16
14
12
10
8
6
4
2
0
ananya_11@LAPTOP-N1FN0469:~$ seq -s " " 10
1 2 3 4 5 6 7 8 9 10
ananya_11@LAPTOP-N1FN0469:~$ seq -s " " 10
1 2 3 4 5 6 7 8 9 10
ananya_11@LAPTOP-N1FN0469:~$ seq -s " " 5 10
5 6 7 8 9 10
ananya_11@LAPTOP-N1FN0469:~$ seq -s 5 10
15253545556575859510
ananya_11@LAPTOP-N1FN0469:~$ seq -s " " 5 3 50
5 8 11 14 17 20 23 26 29 32 35 38 41 44 47 50
ananya_11@LAPTOP-N1FN0469:~$ rev <<< Linux
xuniL
ananya_11@LAPTOP-N1FN0469:~$ history
1  date
2  bc
```

ananya_11@LAPTOP-N1FN0469:~\$ history

```
1 date
2 bc
3 sudo apt update
4 sudo apt upgrade
5 clear
6 echo$SHELL
7 echo bash
8 echo $SHELL
9 printenv SHELL
10 whoami
11 whatis echo
12 whatis printenv
13 echo i am an techie
14 echo i love LTTS
15 whatis whoami
16 whatis cat
17 whereis cat
18 whereis gcc
19 info cat
20 sudo apt install gcc
21 clear
22 sudo apt install build-essential
23 date
24 date "+%D"
25 date "+%Y-%m-%d"
26 date "+%Y/%m/%d"
```



```
53 bc <<< "2^10"
54 uname
55 uname -o
56 uname -i
57 uname -n
58 uname -v
59 uname -m
60 uname -r
61 uname -a
62 echo "Welcome to Linux"
63 echo -e "Hello \t World"
64 echo -n "Hello World"
65 echo "Welcome to \"Linux\""
66 echo `date`
67 echo "This is
68 Linux
69 history
70 Training
71 for
72 echo "This is
Linux
Training
for
Notchup
July 2025"
73 echo "This is Linux Training for Notchup July 2025"
```



```
for
Notchup
July 2025"
73 echo "This is Linux Training for Notchup July 2025"
74 printf "Linux training"
75 printf "Linux training\n"
76 printf "My shell is %s\n" $SHELL
77 seq 1 10
78 seq 1 3 10
79 seq 10 -1 1
80*
81 seq -s " " 10
82 seq -s " " 5 10
83 seq -s 5 10
84 seq -s " " 5 3 50
85 rev <<< Linux
86 history
```

```
ananya_11@LAPTOP-N1FN0469:~$ seq 1 10
```

```
1
2
3
4
5
6
7
8
9
```

10

```
ananya_11@LAPTOP-N1FN0469:~$ date --date "2 years ago"
```

```
Sat Jul 29 17:28:25 UTC 2023
```

```
ananya_11@LAPTOP-N1FN0469:~$ sudo apt install ncal
```

```
[sudo] password for ananya_11:
```

```
Reading package lists... Done
```

```
Building dependency tree... Done
```

```
Reading state information... Done
```

```
ncal is already the newest version (12.1.8).
```

```
The following package was automatically installed and is no longer required:
```

```
libllvm17t64
```

```
Use 'sudo apt autoremove' to remove it.
```

```
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

```
ananya_11@LAPTOP-N1FN0469:~$ echo $?
```

```
0
```

```
ananya_11@LAPTOP-N1FN0469:~$ false
```

```
ananya_11@LAPTOP-N1FN0469:~$ echo$?
```

```
Command 'echo1' not found, did you mean:
```

```
command 'echo' from deb coreutils (9.4-2ubuntu2)
```

```
Try: sudo apt install <deb name>
```

```
ananya_11@LAPTOP-N1FN0469:~$ false
```

```
ananya_11@LAPTOP-N1FN0469:~$ ls
```

```
ananya_11@LAPTOP-N1FN0469:~$ nano newlife
```

```
ananya_11@LAPTOP-N1FN0469:~$ cd new
```

```
-bash: cd: new: No such file or directory
```

```
ananya_11@LAPTOP-N1FN0469:~$ ls
```

```
ananya_11@LAPTOP-N1FN046  x  +  v
newlifeg
ananya_11@LAPTOP-N1FN0469:~$ mkdir new
ananya_11@LAPTOP-N1FN0469:~$ cd new
ananya_11@LAPTOP-N1FN0469:~/new$ mkdir new1 new2
ananya_11@LAPTOP-N1FN0469:~/new$ ls
new1  new2
ananya_11@LAPTOP-N1FN0469:~/new$ cd
ananya_11@LAPTOP-N1FN0469:~$ cd
ananya_11@LAPTOP-N1FN0469:~$ cd -
/home/ananya_11
ananya_11@LAPTOP-N1FN0469:~$ mkdir -p d1/d2
ananya_11@LAPTOP-N1FN0469:~$ ls
d1  new  newlifeg
ananya_11@LAPTOP-N1FN0469:~$ cd d1
ananya_11@LAPTOP-N1FN0469:~/d1$ ls
d2
ananya_11@LAPTOP-N1FN0469:~/d1$ ls -l
total 4
drwxr-xr-x 2 ananya_11 ananya_11 4096 Jul 29 17:35 d2
ananya_11@LAPTOP-N1FN0469:~/d1$ ls -a
.  ..  d2
ananya_11@LAPTOP-N1FN0469:~/d1$ ls -R
.:
d2
./d2:
ananya_11@LAPTOP-N1FN0469:~/d1$ nano demo
```

```
ananya_11@LAPTOP-N1FN046  X  +  v  -  □  X
d2

./d2:
ananya_11@LAPTOP-N1FN0469:~/d1$ nano demo
ananya_11@LAPTOP-N1FN0469:~/d1$ wc demo
wc: demo: No such file or directory
ananya_11@LAPTOP-N1FN0469:~/d1$ touch newfile.txt
ananya_11@LAPTOP-N1FN0469:~/d1$ nano newfile.txt
ananya_11@LAPTOP-N1FN0469:~/d1$ cat newfile.txt
ananya_11@LAPTOP-N1FN0469:~/d1$ cat newfile.txt > output.txt
ananya_11@LAPTOP-N1FN0469:~/d1$ cat output.txt
ananya_11@LAPTOP-N1FN0469:~/d1$ cat -n demo
cat: demo: No such file or directory
ananya_11@LAPTOP-N1FN0469:~/d1$ ls
d2  newfile.txt  output.txt
ananya_11@LAPTOP-N1FN0469:~/d1$ mkdir training
ananya_11@LAPTOP-N1FN0469:~/d1$ cp newfile output.txt training
cp: cannot stat 'newfile': No such file or directory
ananya_11@LAPTOP-N1FN0469:~/d1$ cd training
ananya_11@LAPTOP-N1FN0469:~/d1/training$ ls
output.txt
ananya_11@LAPTOP-N1FN0469:~/d1/training$ cd
ananya_11@LAPTOP-N1FN0469:~$ ls
d1  new  newlifeg
ananya_11@LAPTOP-N1FN0469:~$ ls -R
.:
d1  new  newlifeg
```

./d1:

d2 newfile.txt output.txt training

./d1/d2:

./d1/training:

output.txt

./new:

new1 new2

./new/new1:

./new/new2:

ananya_11@LAPTOP-N1FN0469:~\$ cp -r new training

ananya_11@LAPTOP-N1FN0469:~\$ ls

d1 new newlifeg training

ananya_11@LAPTOP-N1FN0469:~\$ cd training

ananya_11@LAPTOP-N1FN0469:~/training\$ ls

new1 new2

ananya_11@LAPTOP-N1FN0469:~/training\$ cd training

-bash: cd: training: No such file or directory

ananya_11@LAPTOP-N1FN0469:~/training\$ ls

new1 new2

ananya_11@LAPTOP-N1FN0469:~/training\$ cd new

-bash: cd: new: No such file or directory

-bash: cd: training: No such file or directory

ananya_11@LAPTOP-N1FN0469:~/training\$ ls

new1 new2

ananya_11@LAPTOP-N1FN0469:~/training\$ cd new

-bash: cd: new: No such file or directory

ananya_11@LAPTOP-N1FN0469:~/training\$ mv output.txt out

mv: cannot stat 'output.txt': No such file or directory

ananya_11@LAPTOP-N1FN0469:~/training\$ ls

new1 new2

ananya_11@LAPTOP-N1FN0469:~/training\$ mv out training

mv: cannot stat 'out': No such file or directory

ananya_11@LAPTOP-N1FN0469:~/training\$ ls

new1 new2

ananya_11@LAPTOP-N1FN0469:~/training\$ cd training

-bash: cd: training: No such file or directory

ananya_11@LAPTOP-N1FN0469:~/training\$ ls

new1 new2

ananya_11@LAPTOP-N1FN0469:~/training\$ vi sum.c

[1]+ Stopped vi sum.c

ananya_11@LAPTOP-N1FN0469:~/training\$ gcc sum.c && ./a.out

cc1: fatal error: sum.c: No such file or directory

compilation terminated.

ananya_11@LAPTOP-N1FN0469:~/training\$ sudo apt install update

[sudo] password for ananya_11:

Sorry, try again.

[sudo] password for ananya_11:

```
61  uname -a
62  echo "Welcome to Linux"
63  echo -e "Hello \t World"
64  echo -n "Hello World"
65  echo "Welcome to \"Linux\""
66  echo `date`
67  echo "This is
68  Linux
69  history
70  Training
71  for
72  echo "This is
```

```
Linux
Training
for
Notchup
July 2025"
73  echo "This is Linux Training for Notchup July 2025"
74  printf "Linux training"
75  printf "Linux training\n"
76  printf "My shell is %s\n" $SHELL
77  seq 1 10
78  seq 1 3 10
79  seq 10 -1 1
80*
81  seq -s " " 10
82  seq -s " " 5 10
```



```
80*
81 seq -s " " 10
82 seq -s " " 5 10
83 seq -s 5 10
84 seq -s " " 5 3 50
85 rev <<< Linux
86 history
87 seq 1 10
88 date --date "2 years ago"
89 sudo apt install ncal
90 echo $?
91 false
92 echo$?
93 false
94 ls
95 nano newlife
96 cd new
97 ls
98 mkdir new
99 cd new
100 mkdir new1 new2
101 ls
102 cd
103 cd -
104 mkdir -p d1/d2
105 ls
106 cd d1
```



```
107 ls
108 ls -l
109 ls -a
110 ls -R
111 nano demo
112 wc demo
113 touch newfile.txt
114 nano newfile.txt
115 cat newfile.txt
116 cat newfile.txt > output.txt
117 cat output.txt
118 cat -n demo
119 ls
120 mkdir training
121 cp newfile output.txt training
122 cd training
123 ls
124 cd
125 ls
126 ls -R
127 cp -r new training
128 ls
129 cd training
130 ls
131 cd training
132 ls
133 cd new
```

```
ananya_11@LAPTOP-N1FN046  ×  +  ▾  
134 mv output.txt out  
135 ls  
136 mv out training  
137 ls  
138 cd training  
139 ls  
140 vi sum.c  
141 gcc sum.c && ./a.out  
142 sudo apt install update  
143 gcc ifelse.c  
144 cd notchupfy26  
145 cd notchupJul25  
146 gcc ifelse.c  
147 gcc ldarray.c  
148 cd ..  
149 gcc ldarray.c  
150 ./a.out  
151 history  
152 rmdir new  
153 cd new  
154 ls  
155 rm -r new  
156 ls  
157 cd agile  
158 cd stepin  
159 history > history.txt  
ananya_11@LAPTOP-N1FN0469: ~$
```