

31

October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1		1	2	3	4	5	6
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27
26	27	28	29	30	31		23	24	25	26	27	28	29	28	29	30	31			

30

oot@DESKTOP-08JVC31:~# cal -3

June 2025							July 2025							August 2025						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7													1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30

31

oot@DESKTOP-08JVC31:~# cal -5

cal: invalid option -- '5'

usage: cal [general options] [-jy] [[month] year]

cal [general options] [-j] [-m month] [year]

ncal -C [general options] [-jy] [[month] year]

ncal -C [general options] [-j] [-m month] [year]

ncal [general options] [-bhJjpwySM] [-H yyyy-mm-dd] [-s country_code] [-W number of days] [[month] year]

ncal [general options] [-Jeo] [year]

general options: [-31] [-A months] [-B months] [-d yyyy-mm]

oot@DESKTOP-08JVC31:~# bc

c 1.07.1

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for details type 'warranty'.

warranty

c 1.07.1

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root@DESKTOP-0BJVC31:~# cal 10 2025

October 2025

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	30	31	

root@DESKTOP-0BJVC31:~# cal 2025

2025

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4							1							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28		23	24	25	26	27	28	29
														30	31					

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4					1	2	3	1	2	3	4	5	6	7
5	6	7	8	9	10	11	4	5	6	7	8	9	10	8	9	10	11	12	13	14
12	13	14	15	16	17	18	11	12	13	14	15	16	17	15	16	17	18	19	20	21
19	20	21	22	23	24	25	18	19	20	21	22	23	24	22	23	24	25	26	27	28
26	27	28	29	30			25	26	27	28	29	30	31	29	30					

July							August							September							
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	
			1	2	3	4						1	2			1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	
26	27	28	29	30	31		24	25	26	27	28	29	30	28	29	30					
							31														

October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa

```
root@DESKTOP-08JVC31:~# echo $SHELL
/bin/bash
root@DESKTOP-08JVC31:~# whoami
root
root@DESKTOP-08JVC31:~# whatis cat
cat (1)          - concatenate files and print on the standard output
root@DESKTOP-08JVC31:~# whatis gcc
gcc (1)          - GNU project C and C++ compiler
root@DESKTOP-08JVC31:~# whereis cat
cat: /usr/bin/cat /usr/share/man/man1/cat.1.gz
root@DESKTOP-08JVC31:~# whereis gcc
gcc: /usr/bin/gcc /usr/lib/gcc /usr/libexec/gcc /usr/share/gcc /usr/share/man/man1/gcc.1.gz
root@DESKTOP-08JVC31:~# info cat
```

```
root@DESKTOP-08JVC31:~# sudo apt update
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
root@DESKTOP-08JVC31:~# sudo apt upgrade
Reading package lists... Done
Building dependency tree... Done
```

```
root@DESKTOP-08JVC31:~# uname -r
6.87.2-microsoft-standard-WSL2
root@DESKTOP-08JVC31:~# uname -a
Linux DESKTOP-08JVC31 6.6.87.2-microsoft-standard-WSL2 #1 SMP PREEMPT_DYNAMIC Thu Jun 5 18:30:46 UTC 2025 x86_64 x86_64 x86_64 GNU/Linux
root@DESKTOP-08JVC31:~# echo "Welcome to Linux Training"
Welcome to Linux Training
root@DESKTOP-08JVC31:~# echo -e "Hello \t World"
Hello    World
root@DESKTOP-08JVC31:~# echo -n "Hello world"
Hello worldroot@DESKTOP-08JVC31:~# echo "Welcome to \"Linux Training\""
Welcome to "Linux Training"
root@DESKTOP-08JVC31:~# echo "date"
date
root@DESKTOP-08JVC31:~# echo date
date
root@DESKTOP-08JVC31:~# echo date
date
root@DESKTOP-08JVC31:~# echo "Welcome to
Linux
Training"
Welcome to
Linux
Training
root@DESKTOP-08JVC31:~# echo "Welcome to
\"Linux\"
q
"
Welcome to
Linux"
root@DESKTOP-08JVC31:~# Training
Training: command not found
root@DESKTOP-08JVC31:~# seq 1 10
```



root@DESKTOP-08JVC31 ~

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51 Franklin Street, Fifth Floor
Boston, MA 02110-1335 USA

interrupt) use quit to exit.

quit

root@DESKTOP-08JVC31:~# bc <<< "12/5"

root@DESKTOP-08JVC31:~# bc <<< "scale=2; 12/5"

.40

root@DESKTOP-08JVC31:~# bc <<< "2>3"

root@DESKTOP-08JVC31:~# bc <<< "2^10"

024

root@DESKTOP-08JVC31:~# uname -o

GNU/Linux

root@DESKTOP-08JVC31:~# uname -i

x86_64

root@DESKTOP-08JVC31:~# uname -n

DESKTOP-08JVC31

root@DESKTOP-08JVC31:~# uname -v

1 SMP PREEMPT_DYNAMIC Thu Jun 5 18:30:46 UTC 2025

root@DESKTOP-08JVC31:~# uname -s

linux

root@DESKTOP-08JVC31:~# uname -m

x86_64

root@DESKTOP-08JVC31:~# uname -r

6.8.7.2-microsoft-standard-WSL2



Scanned with OKEN Scanner

```
Thu Jul 31 08:03:32 UTC 2025
root@DESKTOP-08JVC31:~# date "+%D"
7/31/25
root@DESKTOP-08JVC31:~# date "+%D %T"
7/31/25 08:05:32
root@DESKTOP-08JVC31:~# date "%Y - %m - %d"
date: invalid date '%Y - %m - %d'
root@DESKTOP-08JVC31:~# date "+%Y - %m - %d"
2025 - 07 - 31
root@DESKTOP-08JVC31:~# date "+%Y/%m/%d"
2025/07/31
root@DESKTOP-08JVC31:~# date "+%d/%m/%Y"
31/07/2025
root@DESKTOP-08JVC31:~# date "+%A %B %d %y %T"
Thursday July 31 25 08:08:10
root@DESKTOP-08JVC31:~# date "+%A %B %d %Y %T"
Thursday July 31 2025 08:09:15
root@DESKTOP-08JVC31:~# info date
root@DESKTOP-08JVC31:~# date --date "tomorrow"
Fri Aug 1 08:13:19 UTC 2025
root@DESKTOP-08JVC31:~# date --date "2 years ago"
Mon Jul 31 08:14:15 UTC 2023
root@DESKTOP-08JVC31:~# cal
      July 2025
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 30 31

root@DESKTOP-08JVC31:~# cal 10 2025
      October 2025
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 30 31

root@DESKTOP-08JVC31:~# cal 2025
```



```

build-essential is already the newest version (12.10ubuntu1).
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.
root@DESKTOP-08JVC31:~# sudo apt install gcc
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
gcc is already the newest version (4:13.2.0-7ubuntu1).
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.
root@DESKTOP-08JVC31:~# sudo apt install g++
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
g++ is already the newest version (4:13.2.0-7ubuntu1).
g++ set to manually installed.
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.
root@DESKTOP-08JVC31:~# date: uname-r; whoami
Command 'date:' not found, did you mean:
  Command 'date' from deb coreutils (9.4-2ubuntu2)
Try: apt install <deb name>
root
root@DESKTOP-08JVC31:~# dat && whoami
Command 'dat' not found, but can be installed with:
root@DESKTOP-08JVC31:~# apt install liballegro4-dev
root@DESKTOP-08JVC31:~# date
Thu Jul 31 08:03:32 UTC 2025
root@DESKTOP-08JVC31:~# date "+%D"
7/31/25
root@DESKTOP-08JVC31:~# date "+%D %T"
7/31/25 08:05:32
root@DESKTOP-08JVC31:~# date "%Y - %m - %d"
date: invalid date '%Y - %m - %d'
root@DESKTOP-08JVC31:~# date "+%Y - %m - %d"

```



```
root@DESKTOP-08JVC31:~# seq 1 3 10
```

```
root@DESKTOP-08JVC31:~# seq 10 -1 1
```

```
root@DESKTOP-08JVC31:~# seq 20 -2 1
```

```
root@DESKTOP-08JVC31:~# seq -s " " 10  
2 3 4 5 6 7 8 9 10
```

```
root@DESKTOP-08JVC31:~# seq -s " " 5 10  
6 7 8 9 10
```

```
root@DESKTOP-08JVC31:~# seq -s " " 5 3 15  
8 11 14
```

```
root@DESKTOP-08JVC31:~# rev <<<linux training
```


root@DESKTOP-13JY01*

```
69 bc
70 bc <<< "12/5"
71 bc <<< "scale=2; 12/5"
72 bc <<< "2>5"
73 bc <<< "2^10"
74 unname
75 unname -o
76 apt search <keyword>
77 apt search curl
78 apt install <package-name>
79 apt install ncal
80 uname
81 uname -o
82 uname -i
83 uname -n
84 uname -s
85 uname -m
86 uname -r
87 uname -a
88 echo "Welcome to Linux"
89 echo -e "Hello \t World"
90 echo "Welcome to \"Linux\""
91 echo date
92 echo "this is
93 quit
94 quit
95 Linux
96 '
97 "
98 Linux
99 Training
100 for
101 Notchup
102 July 2025"
103 "
104 echo "This is Linux Training for notchup July 2025"
105 printf "Linux training"
106 printf "Linux training\n"
107 printf "My shell is %s\n" $SHELL
108 seq 1 10
109 seq 1 3 10
```



root@DESKTOP-0BJVC31: ~

```
30 sudo apt upgrade
31 clear
32 echo $SHELL
33 printenv SHELL
34 whoami
35 whatis echo
36 whatis printenv
37 whatis whoami
38 whatis cat
39 whereis cat
40 whereis gcc
41 info cat
42 sudo apt install gcc
43 clear
44 cal
45 sudo apt install build-essential
46 date
47 date +%D"
48 date +%D %T"
49 date +%Y-%m-%d"
50 date +%Y/%m/%d"
51 date --date "tomorrow"
52 date --date "2 Years ago"
53 man date
54 clear
55 cal
56 sudo apt install ncal
57 cal
58 cal 7 2025
59 can 5 2025
60 cal 5 2025
61 cal 2025
62 cal -3 2025
63 cal -3
64 clear
65 ps
66 exit
67 ps
68 exit
69 bc
70 bc <<< "12/5"
```



root@DESKTOP-1B...:~#

```
183 ls
184 ls -R
185 cp -r new training
186 ls
187 ls -R
188 cp -r new training
189 ls
190 cd training
191 ls
192 cd new
193 ls
194 cd
195 mv output.txt out
196 ls
197 mv out training
198 ls
199 cd training
200 ls
201 vi sum.c
202 sudo apt update
203 sudo apt install update
204 sudo apt install build-essential
205 exit
206 echo $SHELL
207 whoami
208 whatis cat
209 whatis gcc
210 whereis cat
211 whereis gcc
212 info cat
213 sudo apt update
214 sudo apt upgrade
215 sudo apt install build-essential
216 sudo apt install build-essential
217 sudo apt install gcc
218 sudo apt install g++
219 date; uname-r; whoami
220 dat && whoami
221 date
222 date "+%D"
223 date "+%D %T"
```



```
108 seq 1 10
109 seq 1 3 10
110 seq 10 -1 1
111 seq 20 -2 0
112 seq -s " " 10
113 seq -s " " 5 10
114 seq -s " " 5 3 50
115 rev <<< Linux
116 history
117 seq 1 10
118 date --date "2 years ago"
119 sudo apt install ncal
120 echo $?
121 false
122 echo $?
123 ls
124 nano newfile
125 cd new
126 nano newfile
127 cd new
128 ls
129 mkdir new
130 cd new
131 ls
132 mkdir new1 new2
133 ls
134 cd
135 cd -
136 mkdir -p d1/d2
137 ls
138 ls -l
139 cd ..
140 cd
141 ls -l
142 ls -a
143 ls -R
144 nano demo
145 touch newfile.txt
146 nano newfile.txt
147 cat -n demo
148 ls
```




```
250 uname -a
251 echo "Welcome to Linux Training"
252 echo -e "Hello \t World"
253 echo -n "Hello world"
254 echo "Welcome to \"Linux Training\""
255 echo "date"
256 echo date
257 echo "Welcome to
.nux
raining"
258 echo "Welcome to
Linux\"

259 Training
260 seq 1 10
261 seq 1 3 10
262 seq 10 -1 1
263 seq 20 -2 1
264 seq -s " " 10
265 seq -s " " 5 10
266 seq -s " " 5 3 15
267 rev <<<linux training
268 rev <<< linux
269 history
ot@DESKTOP-08JVC31:~# history 10
261 seq 1 3 10
262 seq 10 -1 1
263 seq 20 -2 1
264 seq -s " " 10
265 seq -s " " 5 10
266 seq -s " " 5 3 15
267 rev <<<linux training
268 rev <<< linux
269 history
270 history 10
ot@DESKTOP-08JVC31:~# seq 1 3 10
```



root@DESKTOP-0BJVC31: ~

```
221 date
222 date "+%D"
223 date "+%D %T"
224 date "%Y - %m - %d"
225 date "+%Y - %m - %d"
226 date "+%Y/%m/%d"
227 date "+%d/%m/%Y"
228 date "+%A %B %d %y %T"
229 date "+%A %B %d %Y %T"
230 info date
231 date --date "tomorrow"
232 date --date "2 years ago"
233 cal
234 cal 10 2025
235 cal 2025
236 cal -3
237 cal -5
238 bc
239 bc <<< "12/5"
240 bc <<< "scale=2; 12/5"
241 bc <<< "2>3"
242 bc <<< "2^10"
243 uname -o
244 uname -i
245 uname -n
246 uname -v
247 uname -s
248 uname -m
249 uname -r
250 uname -a
251 echo "Welcome to Linux Training"
252 echo -e "Hello \t World"
253 echo -n "Hello world"
254 echo "Welcome to \"Linux Training\""
255 echo "date"
256 echo date
257 echo "Welcome to
Linux
Training"
258 echo "Welcome to
Linux"
```



root@DESKTOP-0BJVC31: ~

root/training/new

root@DESKTOP-0BJVC31:~/training/new# pwd

root/training/new

root@DESKTOP-0BJVC31:~/training/new# cd-

command 'cd-' not found, did you mean:

command 'cdp' from deb irpas (0.10-9)

command 'cd5' from deb cd5 (0.1-4)

command 'cdb' from deb tinycdb (0.81-1)

command 'cdo' from deb cdo (2.3.0-1)

command 'cdi' from deb cdo (2.3.0-1)

command 'cde' from deb cde (0.1+git9-g551e54d-1.2)

command 'cdw' from deb cdw (0.8.1-3)

try: apt install <deb name>

root@DESKTOP-0BJVC31:~/training/new# mkdir stepin

root@DESKTOP-0BJVC31:~/training/new# cd stepin

root@DESKTOP-0BJVC31:~/training/new/stepin# mkdir sdlc git linux

root@DESKTOP-0BJVC31:~/training/new/stepin# ls

git linux sdlc

root@DESKTOP-0BJVC31:~/training/new/stepin# cd sdld

bash: cd: sdld: No such file or directory

root@DESKTOP-0BJVC31:~/training/new/stepin# cd sdlc

root@DESKTOP-0BJVC31:~/training/new/stepin/sdlc# mkdir -p models/agile

root@DESKTOP-0BJVC31:~/training/new/stepin/sdlc# ls

models

root@DESKTOP-0BJVC31:~/training/new/stepin/sdlc# cd

root@DESKTOP-0BJVC31:~# ls

demo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

root@DESKTOP-0BJVC31:~# ls -l

total 36

-rw-r--r-- 1 root root 26 Jul 31 07:17 demo

-rwxr-xr-x 5 root root 4096 Jul 31 07:16 new

-rw-r--r-- 1 root root 37 Jul 31 07:15 newfile

-rw-r--r-- 1 root root 72 Jul 31 07:30 newfile.txt

-rw-r--r-- 1 root root 37 Jul 31 07:32 output.txt.traing

-rw-r--r-- 1 root root 37 Jul 31 07:33 output.txt.training

-rw-r--r-- 1 root root 80 Jul 31 08:56 testsxq

-rwxr-xr-x 5 root root 4096 Jul 31 07:31 traing

-rwxr-xr-x 3 root root 4096 Jul 31 07:47 training

root@DESKTOP-0BJVC31:~# ls -a

.bash_history .cache .local .profile .viminfo new newfile.txt output.txt.training traing

.bashrc .lesshst .motd_shown .ssh demo newfile output.txt.traing testsxq training

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31:~#

root@DESKTOP-0BJVC31: ~

demo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:

1 new1 new2

/new/d1:

2

/new/d1/d2:

/new/new1:

/new/new2:

/traing:

1 new1 new2

/traing/d1:

2

/traing/d1/d2:

/traing/new1:

/traing/new2:

/training:

new newfile

/training/new:

1 new1 new2 stepin

/training/new/d1:

2

/training/new/d1/d2:

/training/new/new1:

/training/new/new2:




```
models
root@DESKTOP-08JVC31:~/training/new/stepin/sdlc# cd
root@DESKTOP-08JVC31:~# ls
demo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training
root@DESKTOP-08JVC31:~# ls -l
total 36
-rw-r--r-- 1 root root 26 Jul 31 07:17 demo
-rwxr-xr-x 5 root root 4096 Jul 31 07:16 new
-rw-r--r-- 1 root root 37 Jul 31 07:15 newfile
-rw-r--r-- 1 root root 72 Jul 31 07:30 newfile.txt
-rw-r--r-- 1 root root 37 Jul 31 07:32 output.txt.traing
-rw-r--r-- 1 root root 37 Jul 31 07:33 output.txt.training
-rw-r--r-- 1 root root 80 Jul 31 08:56 testsxq
-rwxr-xr-x 5 root root 4096 Jul 31 07:31 traing
-rwxr-xr-x 3 root root 4096 Jul 31 07:47 training
root@DESKTOP-08JVC31:~# ls -a
. .bash_history .cache .local .profile .viminfo new newfile.txt output.txt.training traing
. .bashrc .lessht .motd_shown .ssh demo newfile output.txt.traing testsxq training
root@DESKTOP-08JVC31:~# ls -R
:
demo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:
1 new1 new2

/new/d1:
2

/new/d1/d2:

/new/new1:

/new/new2:

/traing:
1 new1 new2

/traing/d1:
2

/traing/d1/d2:
```

```

root@DESKTOP-08JVC31:~# date --date "2 years ago"
on Jul 31 08:51:25 UTC 2023
root@DESKTOP-08JVC31:~# echo $?
0
root@DESKTOP-08JVC31:~# unam -r
command 'unam' not found, did you mean:
command 'uname' from deb coreutils (9.4-2ubuntu2)
command 'unar' from deb unar (1.10.7+ds1+really1.10.1-2build3)
command 'nam' from deb nam (1.15-6)
Try: apt install <deb name>
root@DESKTOP-08JVC31:~# echo $?
0
root@DESKTOP-08JVC31:~# date
Thu Jul 31 08:52:27 UTC 2025
root@DESKTOP-08JVC31:~# echo $?
0
root@DESKTOP-08JVC31:~# man cat
root@DESKTOP-08JVC31:~# nano test
root@DESKTOP-08JVC31:~# ls
new newfile newfile.txt output.txt.traing output.txt.training testsqx traing training
root@DESKTOP-08JVC31:~# cd training
root@DESKTOP-08JVC31:~/training# ls
new newfile
root@DESKTOP-08JVC31:~/training# cd ne
bash: cd: ne: No such file or directory
root@DESKTOP-08JVC31:~/training# cd new
root@DESKTOP-08JVC31:~/training/new# cd ..
root@DESKTOP-08JVC31:~/training# cd new
root@DESKTOP-08JVC31:~/training/new# cd
root@DESKTOP-08JVC31:~# cd -
~/training/new
root@DESKTOP-08JVC31:~/training/new# cd
root@DESKTOP-08JVC31:~# cd -
~/training/new
root@DESKTOP-08JVC31:~/training/new# pwd
~/training/new
root@DESKTOP-08JVC31:~/training/new# cd-
command 'cd-' not found, did you mean:

```

```
/training/new/stepin:
it linux sdlc

/training/new/stepin/git:

/training/new/stepin/linux:

/training/new/stepin/sdlc:
odels

/training/new/stepin/sdlc/models:
gile

/training/new/stepin/sdlc/models/agile:
oot@DESKTOP-08JVC31:~# cd stepin
bash: cd: stepin: No such file or directory
oot@DESKTOP-08JVC31:~# ls -R
:
emo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:
1 new1 new2

/new/d1:
2

/new/d1/d2:

/new/new1:

/new/new2:

/traing:
1 new1 new2

/traing/d1:
2

/traing/d1/d2:

/traing/new1:
```



```
146 nano newfile.txt
147 cat -n demo
148 ls
149 mkdir training
150 cp newfile output.txt training
151 cd training
152 ls
153 cd
154 ls
155 ls -R
156 cp -r new traing
157 ls
158 cd training
159 ls
160 ls -R
161 cp -r new training
162 cd training
163 ls
164 cd
165 ls
166 ls -R
167 cp -r new training
168 cp newfile output.txt.traing
169 cp newfile output.txt.training
170 cd training
171 ls
172 cd
173 ls
174 ls -R
175 cp -r new training
176 ls
177 cd training
178 ls
179 cd
180 ls
181 cd
182 l
183 ls
184 ls -R
185 cp -r new training
186 ls
```




```
/training/new/stepin/linux:
/training/new/stepin/sdlc:
odels
/training/new/stepin/sdlc/models:
gile
/training/new/stepin/sdlc/models/agile:
oot@DESKTOP-08JVC31:~# cd agile
bash: cd: agile: No such file or directory
oot@DESKTOP-08JVC31:~# ls -R
:
emo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:
1 new1 new2

/new/d1:
2

/new/d1/d2:

/new/new1:

/new/new2:

/traing:
1 new1 new2

/traing/d1:
2

/traing/d1/d2:

/traing/new1:

/traing/new2:

/training:
new newfile
```



```
/new/new1:
/new/new2:
/traing:
1 new1 new2
/traing/d1:
2
/traing/d1/d2:
/traing/new1:
/traing/new2:
/training:
new newfile
/training/new:
1 new1 new2 stepin
/training/new/d1:
2
/training/new/d1/d2:
/training/new/new1:
/training/new/new2:
/training/new/stepin:
it linux sdlc
/training/new/stepin/git:
/training/new/stepin/linux:
/training/new/stepin/sdlc:
odels
```



```
/training/new/stepin/sdlc/models/agile:
root@DESKTOP-08JVC31:~# cd stepin
bash: cd: stepin: No such file or directory
root@DESKTOP-08JVC31:~# ls -R
.:
emo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:
1 new1 new2

/new/d1:
2

/new/d1/d2:

/new/new1:

/new/new2:

/traing:
1 new1 new2

/traing/d1:
2

/traing/d1/d2:

/traing/new1:

/traing/new2:

/training:
new newfile

/training/new:
1 new1 new2 stepin

/training/new/d1:
2
```



```
/training:
  new newfile

/training/new:
  1 new1 new2 stepin

/training/new/d1:
  2

/training/new/d1/d2:

/training/new/new1:

/training/new/new2:

/training/new/stepin:
  it linux sdlc

/training/new/stepin/git:

/training/new/stepin/linux:

/training/new/stepin/sdlc:
  models

/training/new/stepin/sdlc/models:
  gile

/training/new/stepin/sdlc/models/agile:
root@DESKTOP-0BJVC31:~# ls -R
:
demo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:
  1 new1 new2

/new/d1:
  2

/new/d1/d2:
```



root@DESKTOP-08JVC31:~#

/training/new/d1:

/training/new/d1/d2:

/training/new/new1:

/training/new/new2:

/training/new/stepin:

it linux sdlc

/training/new/stepin/git:

/training/new/stepin/linux:

/training/new/stepin/sdlc:

odels

/training/new/stepin/sdlc/models:

gile

/training/new/stepin/sdlc/models/agile:

oot@DESKTOP-08JVC31:~# cd stepin

bash: cd: stepin: No such file or directory

oot@DESKTOP-08JVC31:~# ls -R

:

emo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:

1 new1 new2

/new/d1:

2

/new/d1/d2:

/new/new1:

/new/new2:



root@DESKTOP-0BJVC31: ~

```
/training:
new newfile

/training/new:
1 new1 new2 stepin

/training/new/d1:
2

/training/new/d1/d2:

/training/new/new1:

/training/new/new2:

/training/new/stepin:
it linux sdlc

/training/new/stepin/git:

/training/new/stepin/linux:

/training/new/stepin/sdlc:
odels

/training/new/stepin/sdlc/models:
gile

/training/new/stepin/sdlc/models/agile:
root@DESKTOP-0BJVC31:~# cd agile
bash: cd: agile: No such file or directory
root@DESKTOP-0BJVC31:~# ls -R
:
emo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training

/new:
1 new1 new2

/new/d1:
2
```



```
./training/new/stepin/linux:
./training/new/stepin/sdlc:
models
./training/new/stepin/sdlc/models:
agile
./training/new/stepin/sdlc/models/agile:
root@DESKTOP-08JVC31:~# ls -R
:
demo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training
./new:
d1 new1 new2
./new/d1:
d2
./new/d1/d2:
./new/new1:
./new/new2:
./traing:
d1 new1 new2
./traing/d1:
d2
./traing/d1/d2:
./traing/new1:
./traing/new2:
./training:
+ new newfile
```



2

/new/d1/d2:

/new/new1:

/new/new2:

/traing:

1 new1 new2

/traing/d1:

2

/traing/d1/d2:

/traing/new1:

/traing/new2:

/training:

new newfile

/training/new:

1 new1 new2 stepin

/training/new/d1:

2

/training/new/d1/d2:

/training/new/new1:

/training/new/new2:

/training/new/stepin:

it linux sdlc

/training/new/stepin/git:

/training/new/stepin/linux:



```
at -n demo
oot@DESKTOP-08JVC31:~# cat cicc
s
d training
c program.c

oot@DESKTOP-08JVC31:~# cat cicc > new.txtx
oot@DESKTOP-08JVC31:~# cat cicc > new.txt
oot@DESKTOP-08JVC31:~# cat new.txt
s
d training
c program.c

oot@DESKTOP-08JVC31:~# cat new.txt
s
d training
c program.c

oot@DESKTOP-08JVC31:~# cat cicc > new.txt
oot@DESKTOP-08JVC31:~# cat new.txt
s
d training
c program.c

oot@DESKTOP-08JVC31:~# cat -n cicc
 1 ls
 2 cd training
 3 gc program.c
 4

oot@DESKTOP-08JVC31:~# tac cicc
c program.c
d training
s

oot@DESKTOP-08JVC31:~# tac cicc
c program.c
d training
s

oot@DESKTOP-08JVC31:~# cd..
d...: command not found
```




```
./training/new/stepin/linux:
```

```
./training/new/stepin/sdlc:
```

```
models
```

```
./training/new/stepin/sdlc/models:
```

```
agile
```

```
./training/new/stepin/sdlc/models/agile:
```

```
root@DESKTOP-08JVC31:~# cd sdlc
```

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

```
root@DESKTOP-08JVC31:~# cd models
```

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

```
root@DESKTOP-08JVC31:~# cd agile
```

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

```
root@DESKTOP-08JVC31:~# nano cicd
```

```
root@DESKTOP-08JVC31:~# wc this is day 2 of the training
```

```
wc: this: No such file or directory
```

```
wc: is: No such file or directory
```

```
wc: day: No such file or directory
```

```
wc: 2: No such file or directory
```

```
wc: of: No such file or directory
```

```
wc: the: No such file or directory
```

```
wc: training: Is a directory
```

```
0      0      0 training
```

```
0      0      0 total
```

```
root@DESKTOP-08JVC31:~# wc
```

```
q
```

```
,
```

```
AC
```

```
root@DESKTOP-08JVC31:~# touch newfile.txt
```

```
root@DESKTOP-08JVC31:~# ls
```

```
cicd demo new newfile newfile.txt output.txt.traing output.txt.training testsxq traing training
```

```
root@DESKTOP-08JVC31:~# nano newfile.txt
```

```
root@DESKTOP-08JVC31:~# cat newfile.txt
```

```
cat newfile.txt
```

```
cat newfile.txt > output.txt
```

```
cat output.txt
```

```
cat -n demo
```

```
root@DESKTOP-08JVC31:~# cat cicd
```

```
ls
```



```

/new/d1/d2:
/new/new1:
/new/new2:
/traing:
1 new1 new2
/traing/d1:
2
/traing/d1/d2:
/traing/new1:
/traing/new2:
/training:
new newfile
/training/new:
1 new1 new2 stepin
/training/new/d1:
2
/training/new/d1/d2:
/training/new/new1:
/training/new/new2:
/training/new/stepin:
it linux sdlc
/training/new/stepin/git:
/training/new/stepin/linux:

```

SSH-2.0-OpenSSH_8.2p1 Ubuntu-00ubuntu1~ppc64le

```
icd new new.txtx newfile.txt output.txt.training testsxq training
emo new.txt newfile output.txt.traing stepin traing
oot@DESKTOP-08JVC31:~# cd stepin
oot@DESKTOP-08JVC31:~/stepin# ls
new newfile
oot@DESKTOP-08JVC31:~/stepin# cp -r training stepin
p: cannot stat 'training': No such file or directory
oot@DESKTOP-08JVC31:~/stepin# cd
oot@DESKTOP-08JVC31:~# cd -r training stepin
bash: cd: -r: invalid option
d: usage: cd [-L|[-P [-e]] [-@]] [dir]
oot@DESKTOP-08JVC31:~# cd stepin
oot@DESKTOP-08JVC31:~/stepin# ls
new newfile
oot@DESKTOP-08JVC31:~/stepin# mv newfile git
oot@DESKTOP-08JVC31:~/stepin# ls
git new
oot@DESKTOP-08JVC31:~/stepin# cd git
bash: cd: git: Not a directory
oot@DESKTOP-08JVC31:~/stepin# ls
git new
oot@DESKTOP-08JVC31:~/stepin# mv newfile Day2
v: cannot stat 'newfile': No such file or directory
oot@DESKTOP-08JVC31:~/stepin# ls
git new
oot@DESKTOP-08JVC31:~/stepin# rm Day2
m: cannot remove 'Day2': No such file or directory
oot@DESKTOP-08JVC31:~/stepin# ls
git new
oot@DESKTOP-08JVC31:~/stepin# cd
oot@DESKTOP-08JVC31:~# ls
icd new new.txtx newfile.txt output.txt.training testsxq training
emo new.txt newfile output.txt.traing stepin traing
oot@DESKTOP-08JVC31:~# rm n*
m: cannot remove 'new': Is a directory
oot@DESKTOP-08JVC31:~# ls
icd demo new output.txt.traing output.txt.training stepin testsxq traing training
oot@DESKTOP-08JVC31:~# cd
oot@DESKTOP-08JVC31:~# rm -r new
oot@DESKTOP-08JVC31:~# ls
icd demo output.txt.traing output.txt.training stepin testsxq traing training
```



```

c: program.c
d training
s
oot@DESKTOP-08JVC31:~# tac cisd

c: program.c
d training
s
oot@DESKTOP-08JVC31:~# cd..
d...: command not found
oot@DESKTOP-08JVC31:~# ls
icd new      new.txtx  newfile.txt      output.txt.training  traing
emo new.txt  newfile   output.txt.traing testsxq              training
oot@DESKTOP-08JVC31:~# cp demo newfile stepin
p: target 'stepin': No such file or directory
oot@DESKTOP-08JVC31:~# cd
oot@DESKTOP-08JVC31:~# ls
icd new      new.txtx  newfile.txt      output.txt.training  traing
emo new.txt  newfile   output.txt.traing testsxq              training
oot@DESKTOP-08JVC31:~# cd stepin
bash: cd: stepin: No such file or directory
oot@DESKTOP-08JVC31:~# ls
icd new      new.txtx  newfile.txt      output.txt.training  traing
emo new.txt  newfile   output.txt.traing testsxq              training
oot@DESKTOP-08JVC31:~# cd stepin
bash: cd: stepin: No such file or directory
oot@DESKTOP-08JVC31:~# ls
icd new      new.txtx  newfile.txt      output.txt.training  traing
emo new.txt  newfile   output.txt.traing testsxq              training
oot@DESKTOP-08JVC31:~# cp -r training stepin
oot@DESKTOP-08JVC31:~# ls
icd new      new.txtx  newfile.txt      output.txt.training  testsxq  training
emo new.txt  newfile   output.txt.traing stepin    traing
oot@DESKTOP-08JVC31:~# cd stepin
oot@DESKTOP-08JVC31:~/stepin# ls
new newfile
oot@DESKTOP-08JVC31:~/stepin# cp -r training stepin
p: cannot stat 'training': No such file or directory
oot@DESKTOP-08JVC31:~/stepin# cd
oot@DESKTOP-08JVC31:~# cd -r training stepin

```



root@DESKTOP-08JVC31: ~

root@DESKTOP-08JVC31:~/stepin# mv newfile Day2

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

root@DESKTOP-08JVC31:~/stepin# ls

git new

root@DESKTOP-08JVC31:~/stepin# rm Day2

rm: cannot remove 'Day2': No such file or directory

root@DESKTOP-08JVC31:~/stepin# ls

git new

root@DESKTOP-08JVC31:~/stepin# cd

root@DESKTOP-08JVC31:~# ls

cd new new.txtx newfile.txt output.txt.training testsxq training

demo new.txt newfile output.txt.traing stepin traing

root@DESKTOP-08JVC31:~# rm n*

rm: cannot remove 'new': Is a directory

root@DESKTOP-08JVC31:~# ls

cd demo new output.txt.traing output.txt.training stepin testsxq traing training

root@DESKTOP-08JVC31:~# cd

root@DESKTOP-08JVC31:~# rm -r new

root@DESKTOP-08JVC31:~# ls

cd demo output.txt.traing output.txt.training stepin testsxq traing training

root@DESKTOP-08JVC31:~# history

```
1 pwd
2 ls
3 ls -l
4 ls -a
5 ls /mnt/
6 cd /mnt/c
7 ls -l
8 date
9 bc
10 date
11 bc
12 date
13 bc <<12/5
14 sudo apt update
15 date
16 bc <<< "12/5"
17 sudo apt update
18 sudo apt upgrade
19 clear
20 echo $SHELL
```



Select root@DESKTOP-0BJVC31: ~

```
58 cal 7 2025
59 can 5 2025
60 cal 5 2025
61 cal 2025
62 cal -3 2025
63 cal -3
64 clear
65 ps
66 exit
67 ps
68 exit
69 bc
70 bc <<< "12/5"
71 bc <<< "scale=2; 12/5"
72 bc <<< "2>5"
73 bc <<< "2^10"
74 unname
75 unname -o
76 apt search <keyword>
77 apt search curl
78 apt install <package-name>
79 apt install ncal
80 uname
81 uname -o
82 uname -i
83 uname -n
84 uname -s
85 uname -m
86 uname -r
87 uname -a
88 echo "Welcome to Linux"
89 echo -e "Hello \t World"
90 echo "Welcome to \"Linux\""
91 echo date
92 echo "this is
93 quit
94 quit
95 Linux
96 '
97 "
98 Linux
```



```
19 clear
20 echo $SHELL
21 printenv SHELL
22 whoami
23 whatis cat
24 whereis cat
25 whereis gcc
26 info cat
27 date
28 bc
29 sudo apt update
30 sudo apt upgrade
31 clear
32 echo $SHELL
33 printenv SHELL
34 whoami
35 whatis echo
36 whatis printenv
37 whatis whoami
38 whatis cat
39 whereis cat
40 whereis gcc
41 info cat
42 sudo apt install gcc
43 clear
44 cal
45 sudo apt install build-essential
46 date
47 date +%D
48 date +%D %T
49 date +%Y-%m-%d
50 date +%Y/%m/%d
51 date --date "tomorrow"
52 date --date "2 Years ago"
53 man date
54 clear
55 cal
56 sudo apt install ncal
57 cal
58 cal 7 2025
59 cal 5 2025
```



```
215 sudo apt install build-essential
216 sudo apt install build-essential
217 sudo apt install gcc
218 sudo apt install g++
219 date: uname-r; whoami
220 dat && whoami
221 date
222 date "+%D"
223 date "+%D %T"
224 date "%Y - %m - %d"
225 date "+%Y - %m - %d"
226 date "+%Y/%m/%d"
227 date "+%d/%m/%Y"
228 date "+%A %B %d %y %T"
229 date "+%A %B %d %Y %T"
230 info date
231 date --date "tomorrow"
232 date --date "2 years ago"
233 cal
234 cal 10 2025
235 cal 2025
236 cal -3
237 cal -5
238 bc
239 bc <<< "12/5"
240 bc <<< "scale=2; 12/5"
241 bc <<< "2>3"
242 bc <<< "2^10"
243 uname -o
244 uname -i
245 uname -n
246 uname -v
247 uname -s
248 uname -m
249 uname -r
250 uname -a
251 echo "Welcome to Linux Training"
252 echo -e "Hello \t World"
253 echo -n "Hello world"
254 echo "Welcome to \"Linux Training\""
255 echo "date"
```



Select root@DESKTOP-0BJVC31: ~

```
176 ls
177 cd training
178 ls
179 cd
180 ls
181 cd
182 l
183 ls
184 ls -R
185 cp -r new training
186 ls
187 ls -R
188 cp -r new training
189 ls
190 cd training
191 ls
192 cd new
193 ls
194 cd
195 mv output.txt out
196 ls
197 mv out training
198 ls
199 cd training
200 ls
201 vi sum.c
202 sudo apt update
203 sudo apt install update
204 sudo apt install build-essential
205 exit
206 echo $SHELL
207 whoami
208 whatis cat
209 whatis gcc
210 whereis cat
211 whereis gcc
212 info cat
213 sudo apt update
214 sudo apt upgrade
215 sudp apt install build-essential
216 sudo apt install build-essential
```



root@DESKTOP-0BJVC31: ~

```
137 ls
138 ls -l
139 cd ..
140 cd
141 ls -l
142 ls -a
143 ls -R
144 nano demo
145 touch newfile.txt
146 nano newfile.txt
147 cat -n demo
148 ls
149 mkdir training
150 cp newfile output.txt training
151 cd training
152 ls
153 cd
154 ls
155 ls -R
156 cp -r new traing
157 ls
158 cd training
159 ls
160 ls -R
161 cp -r new training
162 cd training
163 ls
164 cd
165 ls
166 ls -R
167 cp -r new training
168 cp newfile output.txt.traing
169 cp newfile output.txt.training
170 cd training
171 ls
172 cd
173 ls
174 ls -R
175 cp -r new training
176 ls
177 cd training
```



```
254 echo "Welcome to \"Linux Training\""  
255 echo "date"  
256 echo date  
257 echo "Welcome to  
nux  
aining"  
258 echo "Welcome to  
Linux\"  
  
259 Training  
260 seq 1 10  
261 seq 1 3 10  
262 seq 10 -1 1  
263 seq 20 -2 1  
264 seq -s " " 10  
265 seq -s " " 5 10  
266 seq -s " " 5 3 15  
267 rev <<<linux training  
268 rev <<< linux  
269 history  
270 history 10  
271 seq 1 3 10  
272 date --date "2 years ago"  
273 echo $?  
274 unam -r  
275 echo $?  
276 date  
277 echo $?  
278 man cat  
279 nano test  
80 ls  
81 cd training  
82 ls  
83 cd ne  
84 cd new  
85 cd ..  
86 cd new  
87 cd  
88 cd -  
89 cd
```




```

97 "
98 Linux
99 Training
100 for
101 Notchup
102 July 2025"
103 "
104 echo "This is Linux Training for notchup July 2025"
105 printf "Linux training"
106 printf "Linux training\n"
107 printf "My shell is %s\n" $SHELL
108 seq 1 10
109 seq 1 3 10
110 seq 10 -1 1
111 seq 20 -2 0
112 seq -s " " 10
113 seq -s " " 5 10
114 seq -s " " 5 3 50
115 rev <<< Linux
116 history
117 seq 1 10
118 date --date "2 years ago"
119 sudo apt install ncal
120 echo $?
121 false
122 echo $?
123 ls
124 nano newfile
125 cd new
126 nano newfile
127 cd new
128 ls
129 mkdir new
130 cd new
131 ls
132 mkdir new1 new2
133 ls
134 cd
135 cd -
136 mkdir -p d1/d2
137 ls

```

```
/new:
1 new1 new2

/new/d1:
2

/new/d1/d2:

/new/new1:

/new/new2:

/traing:
1 new1 new2

/traing/d1:
2

/traing/d1/d2:

/traing/new1:

/traing/new2:

/training:
new newfile

/training/new:
1 new1 new2 stepin

/training/new/d1:
2

/training/new/d1/d2:

/training/new/new1:

/training/new/new2:

/training/new/stepin:
```



Select root@DESKTOP-0BJVC31: ~

```
188 cd -
189 cd
190 cd -
191 pwd
192 cd-
193 mkdir stepin
194 cd stepin
195 mkdir sdlc git linux
196 ls
197 cd sdld
198 cd sdlc
199 mkdir -p models/agile
200 ls
201 cd
202 ls
203 ls -l
204 ls -a
205 ls -R
206 cd stepin
207 ls -R
208 cd stepin
209 ls -R
210 cd agile
211 ls -R
212 cd agile
213 ls -R
214 cd sdlc
215 cd models
216 cd agile
217 nano cicd
218 wc this is day 2 of the training
219 wc
220 touch newfile.txt
221 ls
222 nano newfile.txt
223 cat newfile.txt
224 cat cicd
225 cat cicd > new.txtx
226 cat cicd > new.txt
227 cat new.txt
228 cat cicd > new.txt
```



```
28 cat cicc > new.txt
29 cat new.txt
30 cat -n cicc
31 tac cicc
32 cd..
33 ls
34 cp demo newfile stepin
35 cd
36 ls
37 cd stepin
38 ls
39 cd stepin
40 ls
41 cp -r training stepin
42 ls
43 cd stepin
44 ls
45 cp -r training stepin
46 cd
47 cd -r training stepin
48 cd stepin
49 ls
50 mv newfile git
51 ls
52 cd git
53 ls
54 mv newfile Day2
55 ls
56 rm Day2
57 ls
58 cd
59 ls
60 rm n*
61 ls
62 cd
63 rm -r new
64 ls
65 history
ot@DESKTOP-08JVC31:~#
```



```
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
root@DESKTOP-08JVC31:~# sudo apt upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
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.
root@DESKTOP-08JVC31:~# sudo apt install build-essential
Command 'sudp' not found, did you mean:
  command 'ssdp' from snap ssdp (0.0.1)
  command 'sup' from deb sup (20100519-3)
  command 'sudo' from deb sudo (1.9.14p2-1ubuntu1)
  command 'sudo' from deb sudo-ldap (1.9.14p2-1ubuntu1)
  command 'sfdp' from deb graphviz (2.42.2-9ubuntu0.1)
See 'snap info <snapname>' for additional versions.
root@DESKTOP-08JVC31:~# sudo apt install build-essential
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
build-essential is already the newest version (12.10ubuntu1).
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.
root@DESKTOP-08JVC31:~# sudo apt install gcc
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
gcc is already the newest version (4:13.2.0-7ubuntu1).
The following package was automatically installed and is no longer required:
  libllvm17t64
```



root@DESKTOP-0BJVC31: ~

8 11 14

root@DESKTOP-0BJVC31:~# rev <<<linux training

root@DESKTOP-0BJVC31:~# rev <<< linux

nil

root@DESKTOP-0BJVC31:~# history

```
1 pwd
2 ls
3 ls -l
4 ls -a
5 ls /mnt/
6 cd /mnt/c
7 ls -l
8 date
9 bc
10 date
11 bc
12 date
13 bc <<12/5
14 sudo apt update
15 date
16 bc <<< "12/5"
17 sudo apt update
18 sudo apt upgrade
19 clear
20 echo $SHELL
21 printenv SHELL
22 whoami
23 whatis cat
24 whereis cat
25 whereis gcc
26 info cat
27 date
28 bc
29 sudo apt update
30 sudo apt upgrade
31 clear
```



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