

```
1
2 Admin@DESKTOP-IKN55T7 ~
3 $ ls
4
5 Admin@DESKTOP-IKN55T7 ~
6 $ cwd
7 -bash: cwd: command not found
8
9 Admin@DESKTOP-IKN55T7 ~
10 $ ls
11
12 Admin@DESKTOP-IKN55T7 ~
13 $ ls -l
14 total 0
15
16 Admin@DESKTOP-IKN55T7 ~
17 $ ls -a
18 .  ..  .bash_history  .bash_profile  .bashrc  .inputrc  .profile
19
20 Admin@DESKTOP-IKN55T7 ~
21 $ .
22 -bash: .: filename argument required
23 .: usage: . filename [arguments]
24
25 Admin@DESKTOP-IKN55T7 ~
26 $ ..
27 -bash: ..: command not found
28
29 Admin@DESKTOP-IKN55T7 ~
30 $ ls -la
31 total 25
32 drwxr-xr-x+ 1 Admin None    0 Apr  8 17:34 .
33 drwxrwxrwt+ 1 Admin None    0 Apr  7 22:49 ..
34 -rw----- 1 Admin None   73 Apr  9 10:35 .bash_history
35 -rwxr-xr-x 1 Admin None 1494 Apr  7 22:49 .bash_profile
36 -rwxr-xr-x 1 Admin None 5645 Apr  7 22:49 .bashrc
37 -rwxr-xr-x 1 Admin None 1919 Apr  7 22:49 .inputrc
38 -rwxr-xr-x 1 Admin None 1236 Apr  7 22:49 .profile
39
40 Admin@DESKTOP-IKN55T7 ~
41 $ vi swaroop
42 E1187: Failed to source defaults.vim
43 Press ENTER or type command to continue
44
45 Admin@DESKTOP-IKN55T7 ~
46 $ ls
47 swaroop
48
49 Admin@DESKTOP-IKN55T7 ~
50 $ ls -l
51 total 1
52 -rw-r--r-- 1 Admin None 55 Apr  9 10:52 swaroop
53
```

```
54 Admin@DESKTOP-IKN55T7 ~
55 $ cat swaroop
56
57 insert
58
59 roop2
60
61 d morning
62 B
63 B
64 B
65 B
66 B
67 B
68 B
69 B
70 A
71 B
72 B
73 B
74 A
75 A
76
77
78 Admin@DESKTOP-IKN55T7 ~
79 $ cat -b
80 cat -b swaroop
81     1  cat -b swaroop
82 ls
83     2  ls
84 cat swaroop
85     3  cat swaroop
86
87 [1]+  Stopped                  cat -b
88
89 Admin@DESKTOP-IKN55T7 ~
90 $ cat -b swaroop
91
92     1  insert
93
94     2  roop2
95
96     3  d morning
97     4  B
98     5  B
99     6  B
100    7  B
101    8  B
102    9  B
103   10  B
104   11  B
105   12  A
106   13  B
```

```
107      14  B
108      15  B
109      16  A
110      17  A
111
112
113 Admin@DESKTOP-IKN55T7 ~
114 $ wc swaroop
115 21 18 55 swaroop
116
117 Admin@DESKTOP-IKN55T7 ~
118 $ cp swaroop swaroop2
119
120 Admin@DESKTOP-IKN55T7 ~
121 $ ls
122 swaroop  swaroop2
123
124 Admin@DESKTOP-IKN55T7 ~
125 $ wc swaroop2
126 21 18 55 swaroop2
127
128 Admin@DESKTOP-IKN55T7 ~
129 $ cat swaroop2
130
131 insert
132
133 roop2
134
135 d morning
136 B
137 B
138 B
139 B
140 B
141 B
142 B
143 B
144 A
145 B
146 B
147 B
148 A
149 A
150
151
152 Admin@DESKTOP-IKN55T7 ~
153 $ mv swaroop2 swarooprename
154
155 Admin@DESKTOP-IKN55T7 ~
156 $ ls
157 swaroop  swarooprename
158
159 Admin@DESKTOP-IKN55T7 ~
```

```
160 $ cat swarooprename
161
162 insert
163
164 roop2
165
166 d morning
167 B
168 B
169 B
170 B
171 B
172 B
173 B
174 B
175 A
176 B
177 B
178 B
179 A
180 A
181
182
183 Admin@DESKTOP-IKN55T7 ~
184 $ rm swarooprename
185
186 Admin@DESKTOP-IKN55T7 ~
187 $ ls
188 swaroop
189
190 Admin@DESKTOP-IKN55T7 ~
191 $ wc -c swaroop
192 55 swaroop
193
194 Admin@DESKTOP-IKN55T7 ~
195 $ wc -w swaroop
196 18 swaroop
197
198 Admin@DESKTOP-IKN55T7 ~
199 $ wc -l swaroop
200 21 swaroop
201
202 Admin@DESKTOP-IKN55T7 ~
203 $ wc -rwd
204 wc: unknown option -- r
205 Try 'wc --help' for more information.
206
207 Admin@DESKTOP-IKN55T7 ~
208 $ wc --help
209 Usage: wc [OPTION]... [FILE]...
210 or: wc [OPTION]... --files0-from=F
211 Print newline, word, and byte counts for each FILE, and a total line if
212 more than one FILE is specified. A word is a non-zero-length sequence of
```

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213 characters delimited by white space.
214
215 With no FILE, or when FILE is -, read standard input.
216
217 The options below may be used to select which counts are printed, always in
218 the following order: newline, word, character, byte, maximum line length.
219 -c, --bytes          print the byte counts
220 -m, --chars          print the character counts
221 -l, --lines          print the newline counts
222     --files0-from=F  read input from the files specified by
223                     NUL-terminated names in file F;
224                     If F is - then read names from standard input
225 -L, --max-line-length print the maximum display width
226 -w, --words          print the word counts
227     --help          display this help and exit
228     --version       output version information and exit
229
230 GNU coreutils online help: <http://www.gnu.org/software/coreutils/>
231 Report wc translation bugs to <http://translationproject.org/team/>
232 Full documentation at: <http://www.gnu.org/software/coreutils/wc>
233 or available locally via: info '(coreutils) wc invocation'
234
235 Admin@DESKTOP-IKN55T7 ~
236 $ ls --help
237 Usage: ls [OPTION]... [FILE]...
238 List information about the FILES (the current directory by default).
239 Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.
240
241 Mandatory arguments to long options are mandatory for short options too.
242 -a, --all          do not ignore entries starting with .
243 -A, --almost-all  do not list implied . and ..
244     --author        with -l, print the author of each file
245 -b, --escape       print C-style escapes for nongraphic characters
246     --block-size=SIZE scale sizes by SIZE before printing them; e.g.,
247                     '--block-size=M' prints sizes in units of
248                     1,048,576 bytes; see SIZE format below
249 -B, --ignore-backups do not list implied entries ending with ~
250 -c                with -lt: sort by, and show, ctime (time of last
251                     modification of file status information);
252                     with -l: show ctime and sort by name;
253                     otherwise: sort by ctime, newest first
254 -C                list entries by columns
255     --color[=WHEN] colorize the output; WHEN can be 'always' (default
256                     if omitted), 'auto', or 'never'; more info below
257 -d, --directory    list directories themselves, not their contents
258 -D, --dired         generate output designed for Emacs' dired mode
259 -f                do not sort, enable -aU, disable -ls --color
260 -F, --classify     append indicator (one of */=>@|) to entries
261     --file-type     likewise, except do not append '*'
262     --format=WORD   across -x, commas -m, horizontal -x, long -l,
263                     single-column -l, verbose -l, vertical -C
264     --full-time     like -l --time-style=full-iso
265 -g                like -l, but do not list owner

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266      --group-directories-first
267          group directories before files;
268          can be augmented with a --sort option, but any
269          use of --sort=none (-U) disables grouping
270 -G, --no-group          in a long listing, don't print group names
271 -h, --human-readable    with -l and/or -s, print human readable sizes
272                        (e.g., 1K 234M 2G)
273      --si                likewise, but use powers of 1000 not 1024
274 -H, --dereference-command-line
275                        follow symbolic links listed on the command line
276      --dereference-command-line-symlink-to-dir
277                        follow each command line symbolic link
278                        that points to a directory
279      --hide=PATTERN      do not list implied entries matching shell PATTERN
280                        (overridden by -a or -A)
281      --indicator-style=WORD append indicator with style WORD to entry names:
282                        none (default), slash (-p),
283                        file-type (--file-type), classify (-F)
284 -i, --inode              print the index number of each file
285 -I, --ignore=PATTERN    do not list implied entries matching shell PATTERN
286 -k, --kibibytes          default to 1024-byte blocks for disk usage
287 -l                       use a long listing format
288 -L, --dereference        when showing file information for a symbolic
289                        link, show information for the file the link
290                        references rather than for the link itself
291 -m                       fill width with a comma separated list of entries
292 -n, --numeric-uid-gid    like -l, but list numeric user and group IDs
293 -N, --literal            print entry names without quoting
294 -o                       like -l, but do not list group information
295 -p, --indicator-style=slash
296                        append / indicator to directories
297 -q, --hide-control-chars print ? instead of nongraphic characters
298      --show-control-chars show nongraphic characters as-is (the default,
299                        unless program is 'ls' and output is a terminal)
300 -Q, --quote-name         enclose entry names in double quotes
301      --quoting-style=WORD use quoting style WORD for entry names:
302                        literal, locale, shell, shell-always,
303                        shell-escape, shell-escape-always, c, escape
304 -r, --reverse            reverse order while sorting
305 -R, --recursive          list subdirectories recursively
306 -s, --size               print the allocated size of each file, in blocks
307 -S                       sort by file size, largest first
308      --sort=WORD         sort by WORD instead of name: none (-U), size (-S),
309                        time (-t), version (-v), extension (-X)
310      --time=WORD         with -l, show time as WORD instead of default
311                        modification time: atime or access or use (-u);
312                        ctime or status (-c); also use specified time
313                        as sort key if --sort=time (newest first)
314      --time-style=STYLE  with -l, show times using style STYLE:
315                        full-iso, long-iso, iso, locale, or +FORMAT;
316                        FORMAT is interpreted like in 'date'; if FORMAT
317                        is FORMAT1<newline>FORMAT2, then FORMAT1 applies
318                        to non-recent files and FORMAT2 to recent files;
```

```

319         if STYLE is prefixed with 'posix-', STYLE
320         takes effect only outside the POSIX locale
321     -t          sort by modification time, newest first
322     -T, --tabsize=COLS  assume tab stops at each COLS instead of 8
323     -u          with -lt: sort by, and show, access time;
324                 with -l: show access time and sort by name;
325                 otherwise: sort by access time, newest first
326     -U          do not sort; list entries in directory order
327     -v          natural sort of (version) numbers within text
328     -w, --width=COLS  set output width to COLS. 0 means no limit
329     -x          list entries by lines instead of by columns
330     -X          sort alphabetically by entry extension
331     -Z, --context  print any security context of each file
332     -1          list one file per line. Avoid '\n' with -q or -b
333     --append-exe  append .exe if cygwin magic was needed
334     --help       display this help and exit
335     --version    output version information and exit
336

```

The SIZE argument is an integer and optional unit (example: 10K is 10*1024).
Units are K,M,G,T,P,E,Z,Y (powers of 1024) or KB,MB,... (powers of 1000).

Using color to distinguish file types is disabled both by default and
with --color=never. With --color=auto, ls emits color codes only when
standard output is connected to a terminal. The LS_COLORS environment
variable can change the settings. Use the dircolors command to set it.

Exit status:

```

0  if OK,
1  if minor problems (e.g., cannot access subdirectory),
2  if serious trouble (e.g., cannot access command-line argument).

```

GNU coreutils online help: <<http://www.gnu.org/software/coreutils/>>
Report ls translation bugs to <<http://translationproject.org/team/>>
Full documentation at: <<http://www.gnu.org/software/coreutils/ls>>
or available locally via: info '(coreutils) ls invocation'

Admin@DESKTOP-IKN55T7 ~

```
$ ls -d
```

```
.
```

Admin@DESKTOP-IKN55T7 ~

```
$ ls -rmf
```

```
., ., .bashrc, .bash_history, .bash_profile, .inputrc, .profile, swaroop
```

Admin@DESKTOP-IKN55T7 ~

```
$ ls -rf
```

```
. .. .bashrc .bash_history .bash_profile .inputrc .profile swaroop
```

Admin@DESKTOP-IKN55T7 ~

```
$ ls -rm
```

```
swaroop
```

Admin@DESKTOP-IKN55T7 ~

```
372 $ ls -lh
373 total 1.0K
374 -rw-r--r-- 1 Admin None 55 Apr  9 10:52 swaroop
375
376 Admin@DESKTOP-IKN55T7 ~
377 $ ls -lt
378 total 1
379 -rw-r--r-- 1 Admin None 55 Apr  9 10:52 swaroop
380
381 Admin@DESKTOP-IKN55T7 ~
382 $ mkdir swaroopdir
383
384 Admin@DESKTOP-IKN55T7 ~
385 $ mkdir
386 mkdir: missing operand
387 Try 'mkdir --help' for more information.
388
389 Admin@DESKTOP-IKN55T7 ~
390 $ ls
391 swaroop  swaroopdir
392
393 Admin@DESKTOP-IKN55T7 ~
394 $ cd swaroopdir
395
396 Admin@DESKTOP-IKN55T7 ~/swaroopdir
397 $ ls
398
399 Admin@DESKTOP-IKN55T7 ~/swaroopdir
400 $ cd delete
401 -bash: cd: delete: No such file or directory
402
403 Admin@DESKTOP-IKN55T7 ~/swaroopdir
404 $ cd ~
405
406 Admin@DESKTOP-IKN55T7 ~
407 $ cd /
408
409 Admin@DESKTOP-IKN55T7 /
410 $ cd ~
411
412 Admin@DESKTOP-IKN55T7 ~
413 $ mv swaroopdir swaroopdir2
414
415 Admin@DESKTOP-IKN55T7 ~
416 $ ls
417 swaroop  swaroopdir2
418
419 Admin@DESKTOP-IKN55T7 ~
420 $ rm dir swaroopdir2
421 rm: cannot remove 'dir': No such file or directory
422 rm: cannot remove 'swaroopdir2': Is a directory
423
424 Admin@DESKTOP-IKN55T7 ~
```



```
425 $ cwd
426 -bash: cwd: command not found
427
428 Admin@DESKTOP-IKN55T7 ~
429 $ pwd
430 /home/Admin
431
432 Admin@DESKTOP-IKN55T7 ~
433 $ ls
434 swaroop swaroopdir2
435
436 Admin@DESKTOP-IKN55T7 ~
437 $ rmdir swaroopdir2
438 -bash: rmdir: command not found
439
440 Admin@DESKTOP-IKN55T7 ~
441 $ cd /abc/abc1
442 -bash: cd: /abc/abc1: No such file or directory
443
444 Admin@DESKTOP-IKN55T7 ~
445 $ mkdir /abc/abc1
446 mkdir: cannot create directory '/abc/abc1': No such file or directory
447
448 Admin@DESKTOP-IKN55T7 ~
449 $ mkdir abc
450
451 Admin@DESKTOP-IKN55T7 ~
452 $ ls
453 abc swaroop swaroopdir2
454
455 Admin@DESKTOP-IKN55T7 ~
456 $ cd abc
457
458 Admin@DESKTOP-IKN55T7 ~/abc
459 $ mkdir abc1
460
461 Admin@DESKTOP-IKN55T7 ~/abc
462 $ ls
463 abc1
464
465 Admin@DESKTOP-IKN55T7 ~/abc
466 $ rm dir abc1
467 rm: cannot remove 'dir': No such file or directory
468 rm: cannot remove 'abc1': Is a directory
469
470 Admin@DESKTOP-IKN55T7 ~/abc
471 $ rmdir abc1
472
473 Admin@DESKTOP-IKN55T7 ~/abc
474 $ ls
475
476 Admin@DESKTOP-IKN55T7 ~/abc
477 $ cd ~
```

```
478
479 Admin@DESKTOP-IKN55T7 ~
480 $ ls
481 abc  swaroop  swaroopdir2
482
483 Admin@DESKTOP-IKN55T7 ~
484 $ ls -l
485 total 1
486 drwxr-xr-x+ 1 Admin None  0 Apr  9 12:48 abc
487 -rw-r--r--  1 Admin None 55 Apr  9 10:52 swaroop
488 drwxr-xr-x+ 1 Admin None  0 Apr  9 12:32 swaroopdir2
489
490 Admin@DESKTOP-IKN55T7 ~
491 $ ls -lt
492 total 1
493 drwxr-xr-x+ 1 Admin None  0 Apr  9 12:48 abc
494 drwxr-xr-x+ 1 Admin None  0 Apr  9 12:32 swaroopdir2
495 -rw-r--r--  1 Admin None 55 Apr  9 10:52 swaroop
496
497 Admin@DESKTOP-IKN55T7 ~
498 $ pwd
499 /home/Admin
500
501 Admin@DESKTOP-IKN55T7 ~
502 $ cd -
503 /home/Admin/abc
504
505 Admin@DESKTOP-IKN55T7 ~/abc
506 $ cd /
507
508 Admin@DESKTOP-IKN55T7 /
509 $ cd \
510 >
511
512 Admin@DESKTOP-IKN55T7 ~
513 $ cd .
514
515 Admin@DESKTOP-IKN55T7 ~
516 $ ls
517 abc  swaroop  swaroopdir2
518
519 Admin@DESKTOP-IKN55T7 ~
520 $ cd ..
521
522 Admin@DESKTOP-IKN55T7 /home
523 $ ls
524 Admin
525
526 Admin@DESKTOP-IKN55T7 /home
527 $ pwd
528 /home
529
530 Admin@DESKTOP-IKN55T7 /home
```

```
531  $ cd ..
532
533  Admin@DESKTOP-IKN55T7 /
534  $ pwd
535  /
536
537  Admin@DESKTOP-IKN55T7 /
538  $ cd .
539
540  Admin@DESKTOP-IKN55T7 /
541  $ pwd
542  /
543
544  Admin@DESKTOP-IKN55T7 /
545  $ cd abc
546  -bash: cd: abc: No such file or directory
547
548  Admin@DESKTOP-IKN55T7 /
549  $ ls
550  Cygwin-Terminal.ico  Cygwin.bat  Cygwin.ico  bin  cygdrive  dev  etc  home  https%3a%2
f%2fmirror.clientvps.com%2fcygwin%2f  lib  proc  sbin  tmp  usr  var
551
552  Admin@DESKTOP-IKN55T7 /
553  $ cd ~
554
555  Admin@DESKTOP-IKN55T7 ~
556  $ pwd
557  /home/Admin
558
559  Admin@DESKTOP-IKN55T7 ~
560  $ ls
561  abc  swaroop  swaroopdir2
562
563  Admin@DESKTOP-IKN55T7 ~
564  $ cd abc
565
566  Admin@DESKTOP-IKN55T7 ~/abc
567  $ cd..
568  -bash: cd..: command not found
569
570  Admin@DESKTOP-IKN55T7 ~/abc
571  $ cd ..
572
573  Admin@DESKTOP-IKN55T7 ~
574  $ rmdir acd
575  rmdir: failed to remove 'acd': No such file or directory
576
577  Admin@DESKTOP-IKN55T7 ~
578  $ rmdir abc
579
580  Admin@DESKTOP-IKN55T7 ~
581  $ ls
582  swaroop  swaroopdir2
```

```
583
584 Admin@DESKTOP-IKN55T7 ~
585 $ cd ~
586
587 Admin@DESKTOP-IKN55T7 ~
588 $ ls
589 swaroop  swaroopdir2
590
591 Admin@DESKTOP-IKN55T7 ~
592 $ pwd
593 /home/Admin
594
595 Admin@DESKTOP-IKN55T7 ~
596 $ cd abc
597 -bash: cd: abc: No such file or directory
598
599 Admin@DESKTOP-IKN55T7 ~
600 $ pwd
601 /home/Admin
602
603 Admin@DESKTOP-IKN55T7 ~
604 $ pwd
605 /home/Admin
606
607 Admin@DESKTOP-IKN55T7 ~
608 $ cd ~
609
610 Admin@DESKTOP-IKN55T7 ~
611 $ ls
612 swaroop  swaroopdir2
613
614 Admin@DESKTOP-IKN55T7 ~
615 $ mkdir xyz
616
617 Admin@DESKTOP-IKN55T7 ~
618 $ ls
619 swaroop  swaroopdir2  xyz
620
621 Admin@DESKTOP-IKN55T7 ~
622 $ cd xyz
623
624 Admin@DESKTOP-IKN55T7 ~/xyz
625 $ mkdir /xyz1/xyz2
626 mkdir: cannot create directory '/xyz1/xyz2': No such file or directory
627
628 Admin@DESKTOP-IKN55T7 ~/xyz
629 $ ls
630
631 Admin@DESKTOP-IKN55T7 ~/xyz
632 $ pwd
633 /home/Admin/xyz
634
635 Admin@DESKTOP-IKN55T7 ~/xyz
```

```
636 $ mkdir xyz1
637
638 Admin@DESKTOP-IKN55T7 ~/xyz
639 $ ls
640 xyz1
641
642 Admin@DESKTOP-IKN55T7 ~/xyz
643 $ pwd
644 /home/Admin/xyz
645
646 Admin@DESKTOP-IKN55T7 ~/xyz
647 $ mkdir -p path1/path2
648
649 Admin@DESKTOP-IKN55T7 ~/xyz
650 $ ls
651 path1 xyz1
652
653 Admin@DESKTOP-IKN55T7 ~/xyz
654 $ cd path1
655
656 Admin@DESKTOP-IKN55T7 ~/xyz/path1
657 $ ls
658 path2
659
660 Admin@DESKTOP-IKN55T7 ~/xyz/path1
661 $ cd path2
662
663 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
664 $ vi newfile
665 E1187: Failed to source defaults.vim
666 Press ENTER or type command to continue
667
668 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
669 $ ls
670 newfile
671
672 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
673 $ cat newfile
674 new file content i have created
675 w
676
677 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
678 $ touch
679 touch: missing file operand
680 Try 'touch --help' for more information.
681
682 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
683 $ touch touchfile
684
685 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
686 $ ls
687 newfile touchfile
688
```

```
689 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
690 $ cat touchfile
691
692 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
693 $ ls
694 newfile touchfile
695
696 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
697 $ rm touchfile
698
699 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
700 $ ls
701 newfile
702
703 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
704 $ ls
705 newfile
706
707 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
708 $ cd..
709 -bash: cd...: command not found
710
711 Admin@DESKTOP-IKN55T7 ~/xyz/path1/path2
712 $ cd ..
713
714 Admin@DESKTOP-IKN55T7 ~/xyz/path1
715 $ cd ..
716
717 Admin@DESKTOP-IKN55T7 ~/xyz
718 $ rmdir path1
719 rmdir: failed to remove 'path1': Directory not empty
720
721 Admin@DESKTOP-IKN55T7 ~/xyz
722 $ ls
723 path1 xyz1
724
725 Admin@DESKTOP-IKN55T7 ~/xyz
726 $ rmdir path1
727 rmdir: failed to remove 'path1': Directory not empty
728
729 Admin@DESKTOP-IKN55T7 ~/xyz
730 $ ls
731 path1 xyz1
732
733 Admin@DESKTOP-IKN55T7 ~/xyz
734 $ rmdir xyz1
735
736 Admin@DESKTOP-IKN55T7 ~/xyz
737 $ ls
738 path1
739
740 Admin@DESKTOP-IKN55T7 ~/xyz
741 $ rmdir -p path1
```

```
742  rmdir: failed to remove 'path1': Directory not empty
743
744  Admin@DESKTOP-IKN55T7 ~/xyz
745  $ rmdir -p path1/newfile
746  rmdir: failed to remove 'path1/newfile': No such file or directory
747
748  Admin@DESKTOP-IKN55T7 ~/xyz
749  $ ls
750  path1
751
752  Admin@DESKTOP-IKN55T7 ~/xyz
753  $ ls
754  path1
755
756  Admin@DESKTOP-IKN55T7 ~/xyz
757  $ rm -rf * path1
758
759  Admin@DESKTOP-IKN55T7 ~/xyz
760  $ ls
761
762  Admin@DESKTOP-IKN55T7 ~/xyz
763  $ ls
764
765  Admin@DESKTOP-IKN55T7 ~/xyz
766  $ cd ~
767
768  Admin@DESKTOP-IKN55T7 ~
769  $ ls
770  swaroop  swaroopdir2  xyz
771
772  Admin@DESKTOP-IKN55T7 ~
773  $ ls lt
774  ls: cannot access 'lt': No such file or directory
775
776  Admin@DESKTOP-IKN55T7 ~
777  $ ls -lt
778  total 1
779  drwxr-xr-x+ 1 Admin None  0 Apr  9 13:25 xyz
780  drwxr-xr-x+ 1 Admin None  0 Apr  9 12:32 swaroopdir2
781  -rw-r--r--  1 Admin None 55 Apr  9 10:52 swaroop
782
783  Admin@DESKTOP-IKN55T7 ~
784  $ ^C
785
786  Admin@DESKTOP-IKN55T7 ~
787  $ ^C
788
789  Admin@DESKTOP-IKN55T7 ~
790  $ ^C
791
792  Admin@DESKTOP-IKN55T7 ~
793  $ ^C
794
```

```
795 Admin@DESKTOP-IKN55T7 ~
796 $ ^C
797
798 Admin@DESKTOP-IKN55T7 ~
799 $ ^C
800
801 Admin@DESKTOP-IKN55T7 ~
802 $ ^C
803
804 Admin@DESKTOP-IKN55T7 ~
805 $ chmod g+wx swaroop
806
807 Admin@DESKTOP-IKN55T7 ~
808 $ ls
809 swaroop swaroopdir2 xyz
810
811 Admin@DESKTOP-IKN55T7 ~
812 $ ls -lt
813 total 1
814 drwxr-xr-x+ 1 Admin None 0 Apr 9 13:25 xyz
815 drwxr-xr-x+ 1 Admin None 0 Apr 9 12:32 swaroopdir2
816 -rw-rwxr-- 1 Admin None 55 Apr 9 10:52 swaroop
817
818 Admin@DESKTOP-IKN55T7 ~
819 $ chmod g+wx swaroop
820
821 Admin@DESKTOP-IKN55T7 ~
822 $ ls -lt
823 total 1
824 drwxr-xr-x+ 1 Admin None 0 Apr 9 13:25 xyz
825 drwxr-xr-x+ 1 Admin None 0 Apr 9 12:32 swaroopdir2
826 -rw-rwxr-- 1 Admin None 55 Apr 9 10:52 swaroop
827
828 Admin@DESKTOP-IKN55T7 ~
829 $ chmod o-r swaroop
830
831 Admin@DESKTOP-IKN55T7 ~
832 $ ls -lt
833 total 1
834 drwxr-xr-x+ 1 Admin None 0 Apr 9 13:25 xyz
835 drwxr-xr-x+ 1 Admin None 0 Apr 9 12:32 swaroopdir2
836 -rw-rwx--- 1 Admin None 55 Apr 9 10:52 swaroop
837
838 Admin@DESKTOP-IKN55T7 ~
839 $ chmod u=rwx swaroop
840
841 Admin@DESKTOP-IKN55T7 ~
842 $ ls -lt
843 total 1
844 drwxr-xr-x+ 1 Admin None 0 Apr 9 13:25 xyz
845 drwxr-xr-x+ 1 Admin None 0 Apr 9 12:32 swaroopdir2
846 -rwxrwx--- 1 Admin None 55 Apr 9 10:52 swaroop
847
```



```
848 Admin@DESKTOP-IKN55T7 ~
849 $ chmod -R 777 swaroop
850
851 Admin@DESKTOP-IKN55T7 ~
852 $ ls
853 swaroop  swaroopdir2  xyz
854
855 Admin@DESKTOP-IKN55T7 ~
856 $ ls -lt
857 total 1
858 drwxr-xr-x+ 1 Admin None 0 Apr 9 13:25 xyz
859 drwxr-xr-x+ 1 Admin None 0 Apr 9 12:32 swaroopdir2
860 -rwxrwxrwx 1 Admin None 55 Apr 9 10:52 swaroop
861
862 Admin@DESKTOP-IKN55T7 ~
863 $ chmod 000 swaroop
864
865 Admin@DESKTOP-IKN55T7 ~
866 $ ls -lt
867 total 1
868 drwxr-xr-x+ 1 Admin None 0 Apr 9 13:25 xyz
869 drwxr-xr-x+ 1 Admin None 0 Apr 9 12:32 swaroopdir2
870 ----- 1 Admin None 55 Apr 9 10:52 swaroop
871
872 Admin@DESKTOP-IKN55T7 ~
873 $ cat swaroop
874 cat: swaroop: Permission denied
875
876 Admin@DESKTOP-IKN55T7 ~
877 $ ^C
878
879 Admin@DESKTOP-IKN55T7 ~
880 $ test = "Unix Programming"
881
882 Admin@DESKTOP-IKN55T7 ~
883 $ ls
884 swaroop  swaroopdir2  xyz
885
886 Admin@DESKTOP-IKN55T7 ~
887 $ echo $test
888
889
890 Admin@DESKTOP-IKN55T7 ~
891 $ test2="Unix"
892
893 Admin@DESKTOP-IKN55T7 ~
894 $ echo $test2
895 Unix
896
897 Admin@DESKTOP-IKN55T7 ~
898 $ grep = c "Uni"
899 grep: c: No such file or directory
900 grep: Uni: No such file or directory
```

```
901
902 Admin@DESKTOP-IKN55T7 ~
903 $ grep -c "Unix"
904
905 [2]+  Stopped                  grep -c "Unix"
906
907 Admin@DESKTOP-IKN55T7 ~
908 $ ls -l | grep "Aug"
909
910 Admin@DESKTOP-IKN55T7 ~
911 $ find . -name "ALM"
912
913 Admin@DESKTOP-IKN55T7 ~
914 $
915
916 Admin@DESKTOP-IKN55T7 ~
917 $ grep -c "Unix"
918
919
920 +  Stopped                  grep -c "Unix"
921
922 Admin@DESKTOP-IKN55T7 ~
923 $ gzip swaroop
924 gzip: swaroop: Permission denied
925
926 Admin@DESKTOP-IKN55T7 ~
927 $ chmod -R 777 swaroop
928 -bash: chmod: command not found
929
930 Admin@DESKTOP-IKN55T7 ~
931 $ chmod -R 777 swaroop
932
933 Admin@DESKTOP-IKN55T7 ~
934 $ gzip swaroop
935
936 Admin@DESKTOP-IKN55T7 ~
937 $ unzip -a
938 -bash: unzip: command not found
939
940 Admin@DESKTOP-IKN55T7 ~
941 $ p
942 -bash: p: command not found
943
944 Admin@DESKTOP-IKN55T7 ~
945 $ ps
946      PID     PPID    PGID   WINPID   TTY          UID       STIME  COMMAND
947      1854     1853    1854     7780  pty0      197609  10:35:58 /usr/bin/bash
948 S      1981     1854    1981     7440  pty0      197609  14:58:09 /usr/bin/grep
949 S      1872     1854    1872     7080  pty0      197609  10:59:26 /usr/bin/cat
950      1853         1    1853    12500   ?         197609  10:35:58 /usr/bin/mintty
951      1992     1854    1992     3536  pty0      197609  15:07:42 /usr/bin/ps
952 S      1985     1854    1985     6988  pty0      197609  15:03:11 /usr/bin/grep
953
```

```
954 Admin@DESKTOP-IKN55T7 ~
955 $ date
956 Sat Apr 9 15:08:49 IST 2022
957
958 Admin@DESKTOP-IKN55T7 ~
959 $ history
960 1 ls
961 2 cd
962 3 mkdir
963 4 mkdir --help
964 5 ls
965 6 ls dir
966 7 cron
967 8 cron
968 9 whoami
969 10 who
970 11 w user
971 12 w
972 13 id
973 14 exit
974 15 ls
975 16 cwd
976 17 ls
977 18 ls -l
978 19 ls -a
979 20 .
980 21 ..
981 22 ls -la
982 23 vi swaroop
983 24 ls
984 25 ls -l
985 26 cat swaroop
986 27 cat -b
987 28 cat -b swaroop
988 29 wc swaroop
989 30 cp swaroop swaroop2
990 31 ls
991 32 wc swaroop2
992 33 cat swaroop2
993 34 mv swaroop2 swarooprename
994 35 ls
995 36 cat swarooprename
996 37 rm swarooprename
997 38 ls
998 39 wc -c swaroop
999 40 wc -w swaroop
1000 41 wc -l swaroop
1001 42 wc -rwd
1002 43 wc --help
1003 44 ls --help
1004 45 ls -d
1005 46 ls -rmf
1006 47 ls -rf
```

```
1007      48  ls -rm
1008      49  ls -lh
1009      50  ls -lt
1010      51  mkdir swaroopdir
1011      52  mkdir
1012      53  ls
1013      54  cd swaroopdir
1014      55  ls
1015      56  cd delete
1016      57  cd ~
1017      58  cd /
1018      59  cd ~
1019      60  mv swaroopdir swaroopdir2
1020      61  ls
1021      62  rm dir swaroopdir2
1022      63  cwd
1023      64  pwd
1024      65  ls
1025      66  rmdir swaroopdir2
1026      67  cd /abc/abc1
1027      68  mkdir /abc/abc1
1028      69  mkdir abc
1029      70  ls
1030      71  cd abc
1031      72  mkdir abc1
1032      73  ls
1033      74  rm dir abc1
1034      75  rmdir abc1
1035      76  ls
1036      77  cd ~
1037      78  ls
1038      79  ls -l
1039      80  ls -lt
1040      81  pwd
1041      82  cd -
1042      83  cd /
1043      84  cd \
1044      85  cd .
1045      86  ls
1046      87  cd ..
1047      88  ls
1048      89  pwd
1049      90  cd ..
1050      91  pwd
1051      92  cd .
1052      93  pwd
1053      94  cd abc
1054      95  ls
1055      96  cd ~
1056      97  pwd
1057      98  ls
1058      99  cd abc
1059     100  cd..
```

```
1060      101  cd ..
1061      102  rmdir acd
1062      103  rmdir abc
1063      104  ls
1064      105  cd ~
1065      106  ls
1066      107  pwd
1067      108  cd abc
1068      109  pwd
1069      110  pwd
1070      111  cd ~
1071      112  ls
1072      113  mkdir xyz
1073      114  ls
1074      115  cd xyz
1075      116  mkdir /xyz1/xyz2
1076      117  ls
1077      118  pwd
1078      119  mkdir xyz1
1079      120  ls
1080      121  pwd
1081      122  mkdir -p path1/path2
1082      123  ls
1083      124  cd path1
1084      125  ls
1085      126  cd path2
1086      127  vi newfile
1087      128  ls
1088      129  cat newfile
1089      130  touch
1090      131  touch touchfile
1091      132  ls
1092      133  cat touchfile
1093      134  ls
1094      135  rm touchfile
1095      136  ls
1096      137  ls
1097      138  cd..
1098      139  cd ..
1099      140  cd ..
1100      141  rmdir path1
1101      142  ls
1102      143  rmdir path1
1103      144  ls
1104      145  rmdir xyz1
1105      146  ls
1106      147  rmdir -p path1
1107      148  rmdir -p path1/newfile
1108      149  ls
1109      150  ls
1110      151  rm -rf * path1
1111      152*
1112      153  ls
```

```
1113      154  cd ~
1114      155  ls
1115      156  ls lt
1116      157  ls -lt
1117      158  chmod g+wx swaroop
1118      159  ls
1119      160  ls -lt
1120      161  chmod g+wx swaroop
1121      162  ls -lt
1122      163  chmod o-r swaroop
1123      164  ls -lt
1124      165  chmod u=rwx swaroop
1125      166  ls -lt
1126      167  chmod -R 777 swaroop
1127      168  ls
1128      169  ls -lt
1129      170  chmod 000 swaroop
1130      171  ls -lt
1131      172  cat swaroop
1132      173  test ="Unix Programming"
1133      174  ls
1134      175  echo $test
1135      176  test2="Unix"
1136      177  echo $test2
1137      178  grep = c "Uni"
1138      179  grep -c "Unix"
1139      180  ls -l | grep "Aug"
1140      181  find . -name "ALM"
1141      182  grep -c "Unix"
1142      183  gzip swaroop
1143      184  chmode -R 777 swaroop
1144      185  chmod -R 777 swaroop
1145      186  gzip swaroop
1146      187  unzip -a
1147      188  p
1148      189  ps
1149      190  date
1150      191  history
1151
1152  Admin@DESKTOP-IKN55T7 ~
1153  $ ls
1154  swaroop.gz  swaroopdir2  xyz
1155
1156  Admin@DESKTOP-IKN55T7 ~
1157  $ diff xyz swaroop.gz
1158  diff: xyz/swaroop.gz: No such file or directory
1159
1160  Admin@DESKTOP-IKN55T7 ~
1161  $ vi swar2
1162  E1187: Failed to source defaults.vim
1163  Press ENTER or type command to continue
1164
1165  Admin@DESKTOP-IKN55T7 ~
```

```
1166  $ ls
1167  swar2  swaroop.gz  swaroopdir2  xyz
1168
1169  Admin@DESKTOP-IKN55T7 ~
1170  $ diff swar2 swaroop.gz
1171  Binary files swar2 and swaroop.gz differ
1172
1173  Admin@DESKTOP-IKN55T7 ~
1174  $ fs
1175  -bash: fs: command not found
1176
1177  Admin@DESKTOP-IKN55T7 ~
1178  $ nohup
1179  nohup: missing operand
1180  Try 'nohup --help' for more information.
1181
1182  Admin@DESKTOP-IKN55T7 ~
1183  $ ^C
1184
1185  Admin@DESKTOP-IKN55T7 ~
1186  $
1187
```