

```
eepthi@LAPTOP-T2CPC4SQ: /
eepthi@LAPTOP-T2CPC4SQ:/$ history
1  ls
2  pwd
3  mkdir eepthi
4  cd
5  cp
6  mvfile.txt
7  rm newfile
8  date
9  bc
10 ls
11 date
12 bc
13 9595
14 sudo apt update
15 mount -o remount,rw /
16 mount -o remount,rw /
17 bash
18 rust
19 sudo update
20 sudo apt update
21 passwd
22 passwd eepthi
23 sudo passwg eepthi
24 sudo passwd root
25 passwd -u eepthi
26 password
27 ls
28 sudo apt update
29 passwd
30 date
31 bc
32 ls
33 sudo apt update
34 sudo apt upgrade
35 clear
36 echo $SHELL
37 printenv SHELL
38 whoami
39 whatis echo
40 whatis printenv
41 whatis whoami
42 whatis cat
43 whereis cat
44 whereis gcc
45 info cat
46 echo $SHELL
47 printenv SHELL
48 whoami
```

```
eepthi@LAPTOP-T2CPC4SQ: /
48 whoami
49 whatis echo
50 whatis printenv
51 whatis whoami
52 whatis cat
53 whatis cat
54 whereis cat
55 whereis gcc
56 info cat
57 sudo apt install gcc
58 clear
59 date
60 date +%D"
61 date +%D %T"
62 date +%Y-%m-%d"
63 date +%Y/%m/%d"
64 date --date "tomorrow"
65 date --date "2 years ago"
66 man date
67 clear
68 cal
69 sudo apt install ncal
70 cal
71 cal 7 2025
72 cal 5 2025
73 cal 2025
74 cal -3 2025
75 cal -3
76 cal -3 2025
77 clear
78 ps
79 exit
80 Linux
81 echo "This is
82 Linux
83 Training
84 for
85 Notchup
86 july 2025"
87 echo "This is Linux Training for Notchup July 2025"
88 printf "My shell is %s\n" $SHELL
89 seq 1 10
90 seq 1 3 10
91 seq 10 -1 1
92 seq 20 -2 0
93 seq -s " " 10
94 seq -s 5 10
95 rev <<< Linux
96 history
```

```
eepthi@LAPTOP-T2CPC4SQ: /
97 history
98 seq 1 10
99 date --date "2 years ago"
100 sudo apt install ncal
101 echo $?
102 false
103 echo $?
104 ls
105 nano newfile
106 bc <<< "12/5"
107 bc <<< "scale=2; 12/5"
108 bc <<< "2>5"
109 bc <<< "2^10"
110 uname
111 uname -o
112 uname -i
113 uname -n
114 uname -v
115 uname -s
116 uname -m
117 uname -r
118 uname -a
119 echo "Welcome to Linux"
120 echo -e "Hello \t World"
121 echo -n "Hello \t World"
122 echo 'date'
123 echo "This is
124 d
125 d
126 d
127 d
128 clear
129 sl.exe
130 wsl.exe
131 kj
132 "
133 clear
134 cd new
135 ls
136 mkdir new
137 cd new
138 cd ~
139 cd /home/eepthi
140 mkdir new
141 cd new
142 sudo mkdir new
143 nano newfile
144 cd new
145 cd /home/eepthi
```

```
eepthi@LAPTOP-T2CPC4SQ: /
146 cd new
147 cd
148 cd new
149 mkdir new1 new2
150 ls
151 cd
152 cd -
153 mkdir -p d1/d2
154 ls
155 cd d1
156 ls
157 ls -l
158 cd
159 ls -l
160 ls -a
161 ls -R
162 nano demo
163 wc demo
164 nano demo
165 cd
166 cd /home/eepthi
167 cd /home/eepthi
168 cd
169 cd /home/eepthi
170 cd new
171 wc demo
172 cd
```

```
172 cd
173 echo " This is a test file"> demo
174 wc demo
175 touch newfile.txt
176 history
177 clear
178 touch newfile.txt
179 cd
180 touch newfile.txt
181 nano newfile.txt
182 cat newfile.txt
183 cat newfile.txt > output.txt
184 cd ~
185 echo "Hello World">newfile.txt
186 cat newfile.txt > output.txt
187 ls
188 cat output.txt
189 cat newfile.txt
190 cat -n demo
191 ls
192 mkdir training
193 cp newfile output.txt training
194 cd training
```

```
eepthi@LAPTOP-T2CPC4SQ: /
196 ls
197 ls -R
198 cp -r new training
199 ls
200 cd training
201 ls cd new
202 ls
203 cd
204 mv output.txt out
205 is
206 ls
207 mv out training
208 ls
209 cd training
210 ls
211 vi sum.c
212 cat newfile.txt
213 cd
214 cat newfile.txt
215 cat output.txt
216 cat -n demo
217 ls
218 mkdir training
219 cd
220 mkdir training
221 cp newfile output.txt training
222 mkdir Deepthi
223 cp newfile output.txt Deepthi
224 cd Deepthi
225 cd Deepthi
226 ls cd ls ls -R
227 ls
228 cd
229 ls
230 ls -R
231 cd -r new Deepthi
232 cp -r new Deepthi
233 cd Deepthi
234 cd
235 cd Deepthi
236 ls
237 cd
238 ls
239 ls-R
240 cp -r new Deepthi
241 ls
242 cd training
243 ls
244 cd new
```

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```
eepthi@LAPTOP-T2CPC4SQ: /
245 ls
246 cd
247 mv output.txt out
248 ls
249 cd Deepthi
250 ls cd new
251 ls mv output.txt out
252 mv output.txt out
253 ls
254 mv out Deepthi
255 ls
256 cd Deepthi
257 ls vi sum.c
258 vi sum.c
259 clear
260 gcc sum.c && ./a.out
261 cd
262 gcc sum.c && ./a.out
263 ls -l
264 rm training
265 rm Deepthi
266 mv training training.txt
267 mkdir training
268 gcc sum.c && ./a.out
269 gcc sum.c && ./a.out
270 sudo apt install update
271 gcc ifelse.c
272 cd
273 gcc ifelse.c
274 gcc sum.c && ./a.out
275 vi sum.c
276 gcc sum.c && ./a.out
277 vi sum.c
278 gcc sum.c && ./a.out
279 find -name sum.c
280 cd~
281 pwd
282 vi sum.c
283 cd~
284 vi sum.c
285 gcc sum.c && ./a.out
286 vim sum
287 sudo vim sum.c
288 sudo vim sum.c
289 vi sum.c
290 gcc sum.c -o sum
291 cd~
292 gcc sum.c -o sum.out./sum.out
293 cd~
```

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```
eepthi@LAPTOP-T2CPC4SQ: /
293 cd~
294 gcc /path/to/sum.c -o sum./sum
295 sudo gcc sum.c -o sum
296 sudo gcc sum.c -o sum
297 gcc sum.c && ./a.out
298 sudo apt install update
299 sudo apt install gcc
300 gcc ifelse.c
301 cd notchupfy26
302 gcc ifelse.c
303 cd
304 pwd
305 ls
306 cd
307 cd /home/eepthi
308 cd/home
309 cd home
310 cd /home
311 cd / eepthi
312 cd sum.c
313 mkdir sum.c
314 cd
315 mkdir sum.c
316 ls
317 gcc sum.c -o output_sum
318 gcc sum.c -o sum
319 apt update
320 sudo apt install gcc
321 cd
322 sum.c
323 mkdir sum.c
324 gcc sum.c -o sum
325 gcc
326 sum.c
327 mkdir sum.c
328 clear
329 gcc sum.c -o sum
330 pwd
331 vi add.c
332 cd ~
333 ls
334 cd
335 ls
336 cd
337 ls
338 cd~
339 ls
340 gcc sum.c -o sum
341 ./sum
```

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```
eepthi@LAPTOP-T2CPC4SQ: /
341 ./sum
342 vi sum.c
343 gcc sum.c && ./a.out
344 ./sum
345 sudo apt install update
346 sudo apt install gcc
347 gcc ifelse.c
348 cd~
349 ls
350 vi ifelse.c
351 gcc ifelse.c -o ifelse
352 ls
353 vi ifelse.c
354 ls
355 gcc ifelse.c -o ifelse
356 ls
357 cd~
358 ls
359 vi ifelse.c
360 gcc ifelse.c -o ifelse
361 gcc ifelse.c -oifelse
362 ./ifelse
363 ls
364 ./ifelse
365 ./out
366 gcc ifelse.c
367 gcc ldarray,c
368 ./a.out
369 sudo apt install update
370 sudo apt update
371 sudo apt upgrade
372 sudo apt install build-essential
373 exit
374 sudo apt install update
375 sudo apt update
376 sudo apt upgrade
377 sudo apt update
378 sudo apt upgrade
379 sudo apt update
380 sudo apt install update
381 sudo apt install build-essential
382 exit
383 sudo apt update
384 sudo apt install build-essential
385 exit
386 sudo apt update
387 sudo apt upgrade
388 sudp apt install build-essential
389 sudo apt install build-essential
```

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```
eepthi@LAPTOP-T2CPC4SQ: /
387 sudo apt upgrade
388 sudp apt install build-essential
389 sudo apt install build-essential
390 sudo apt install g++
391 date; uname -r; whoami
392 date; unam -r; whoami
393 date && whoami
394 dat && whoami
395 date "+%D"
396 date "+%D %T"
397 date "+%Y - %m - %d"
398 date "+%Y/%m/%d"
399 date "+%A %B %d %y %T"
400 date "+%A %B %d %Y %T"
401 info date
402 date --date "tomorrow"
403 date --date "2 years ago"
404 cal 10 2025
405 cal 2025
406 cal -3
407 cal -5
408 cal --5
409 bc
410 bc <<< "scale=2; 12/5"
411 bc <<< "2^10"
412 uname -o
413 uname -i
414 uname -n
415 uname -v
416 uname -s
417 uname -m
418 uname -r
419 uname -a
420 echo -e "Hello \t World"
421 echo -n "Hello world"
422 echo "Welcome to \"Linux Training\""
423 echo "date"
424 echo date
425 echo `date`
426 echo "Welcome to
427 \"Linux\"
428 Training"
429 seq 20 -2 1
430 seq -s " " 10
431 seq -s " " 5 10
432 seq -s " " 5 3 15
433 rev <<< linux training
434 rev <<< linux
435 history 10
```

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```
eepthi@LAPTOP-T2CPC4SQ: /
434 rev <<< linux
435 history 10
436 seq 1 3 10
437 date --date "2 years ago"
438 echo $?
439 unam -r
440 rev training
441 rev <<training
442 "
443 quite
444 ""
445 echo $?
446 unam -r
447 echo $?
448 unam -r
449 sudo apt install <deb name>
450 unam -r
451 unname -r
452 echo $?
453 man cat
454 nano test
455 ls
456 cd training
457 ls
458 cd
459 cd ..
460 cd /home
461 ped
462 pwd
463 ls
464 cd training
465 mkdir training
466 cd
467 cd new
468 cd ..
469 cd new
470 cd ..
471 cd new
472 cd
473 cd -
474 cd
475 pwd
476 cd -
477 pwd
478 cd
479 mkdir stepin
480 cd stepin
481 ls
482 cd sd1c
```

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```
eeptthi@LAPTOP-T2CPC4SQ: /
492 cd stepin
493 ls -R
494 cd agile
495 cd sdlc
496 cd models
497 nano cicd
498 wc cicd
499 wc this is day 2 of the training
500 cd
501 wc this is day 2 of the training
502 wc cicd
503 ls
504 wc newfile.txt
505 wc cicd
506 wc cicd.txt
507 ls
508 wc cicd.txt
509 wc cicd
510 touch cicd.txt
511 wc cicd
512 wc newfile.txt
513 touch cicd.txt
514 wc cicd
515 clear
516 wc
517 touch newfile.txt
518 ls
519 nano newfile.txt
520 cat newfile.txt
521 cat cicd
522 cat cicd > new.txt
523 cat new.txt
524 cat -n cicd
525 tac cicd
526 cd ..
527 ls
528 cd ..
529 cd
530 ls
531 cd~
532 cd ~
533 pwd
534 touch newfile.txt
535 ls
536 cat newfile.txt
537 cat cicd
538 cat cicd > new.txt
539 ls
540 cat cicd > new.txt
```

```
eeptthi@LAPTOP-T2CPC4SQ: /
541 cat cicd
542 cat cicd.txt > new.txt
543 cat cicd
544 cat cicd.txt
545 cat -n cicd.txt
546 tac cicd.txt
547 cd..
548 cd ..
549 ls
550 cp demo newfile stepin
551 cp demo newfile.txt stepin
552 ls
553 cd stepin
554 ls
555 cp -r training stepin
556 cd
557 cd ..
558 ls
559 cd ..
560 cd
561 ls
562 cp demo newfile stepin
563 cp demo newfile.txt stepin
564 ls
565 cd stepin
566 ls
567 cp -r training stepin
568 cp -r training.txt stepin
569 cd
570 cp -r training.txt stepin
571 cd stepin
572 ls
573 mv newfile.txt Day2
574 ls
575 rm Day2
576 ls
577 cd
578 ls
579 rm n*
580 rm newfile.txt newfile.txt.save
581 rm -r n*
582 ls
583 cd new
584 ls cd rm -r new
585 ls
586 history
587 clear
588 v. sum.c
589 cd
```

```
eeptthi@LAPTOP-T2CPC4SQ: /
589 cd
590 ls
591 v. add.c
592 history
593 clear
594 gcc sum.c && ./a.out
595 cd~
596 mv /sum.c
597 mv /sum.c .
598 gcc sum.c && ./a.out
599 vi filecmd
600 cat filecmd
601 cat sum.c
602 gcc sum.c
603 ./a.out
604 gcc sum.c && ./a.out
605 cd~
606 cd ~
607 mv / sum.c
608 mv / sum.c .
609 gcc sum.c && ./a.out
610 clear
611 vi sum.c
612 cd ~
613 mv /sum.c .
614 rmdir sum.c
615 rm -r sum.c
616 mv /sum.c .
617 a.out
618 ./a.out
619 /sum.c
620 vi sum.c
621 gcc sum.c && ./a.out
622 vi filecmd
623 cat filecmd
624 cat sum.c
625 gcc sum.c
626 ./a.out
627 gcc sum.c && ./a.out
628 ls
629 more filecmd
630 nano filecmd
631 more filecmd
632 less filecmd
633 head -n 5 filecmd
634 tail filecmd
635 tail +5 filecmd
636 nano sample.txt
637 cat sample.txt
```

```
eeptthi@LAPTOP-T2CPC4SQ: /
637 cat sample.txt
638 cut -c 1-3 sample.txt
639 history
640 ls
641 cat demo
642 nano f1
643 nano f2
644 cat f1
645 cat f2
646 paste f1 f2
647 cat sample.txt
648 sort sample.txt
649 sort sample.txt -r
650 sort -t ':' -k2 sample.txt
651 sort -t ':' -k3 sample.txt
652 sort -t ':' -k4 sample.txt
653 cat sample.txt
654 ls
655 tr ':' '|' < sample.txt > s1.txt
656 ls
657 tr ':' '|' < sample.txt
658 cat sample.txt
659 tr -s '0' < sample.txt
660 cat sample.txt
661 nano example.txt
662 cat example.txt
663 nano example.txt
664 ls
665 cat sample.txt
666 cat s1.txt
667 cmp sample.txt s1.txt
668 diff sample.txt s1.txt
669 ls
670 cat test.c
671 grep ^int test.c
672 grep \; test.c
673 nano test.c
674 sed 's/Hello/Hi/' sed_test
675 cat sed_test
676 sed -i 's/Hello/Hi/' sed_test
677 nano employees.txt
678 cat employees.txt
679 awk '{print $0}' employees.txt
680 awk '{print $1, $3}' employees.txt
681 5 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
682 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
683 awk '{print $0}' employees.txt
684 awk '{print NR, $1}' employees.txt
685 awk '{print NR, $0}' employees.txt
```

```
eeptthi@LAPTOP-T2CPC4SQ: /
666 cat s1.txt
667 cmp sample.txt s1.txt
668 diff sample.txt s1.txt
669 ls
670 cat test.c
671 grep ^int test.c
672 grep \; test.c
673 nano test.c
674 sed 's/Hello/Hi/' sed_test
675 cat sed_test
676 sed -i 's/Hello/Hi/' sed_test
677 nano employees.txt
678 cat employees.txt
679 awk '{print $0}' employees.txt
680 awk '{print $1, $3}' employees.txt
681 5 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
682 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
683 awk '{print $0}' employees.txt
684 awk '{print NR, $1}' employees.txt
685 awk '{print NR, $0}' employees.txt
686 awk '$2 < 30 {print $1, $2}' employees.txt
687 awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
688 awk 'END {print "Total employees= ", NR}' employees.txt
689 ls -l s1.txt
690 chmod u+x s1.txt
691 ls -l s1.txt
692 chmod o-r s1.txt
693 ls -l s1.txt
694 chmod 462 s1.txt
695 clear
696 history
```

eeptthi@LAPTOP-T2CPC4SQ: /\$