

```
Ubuntu
399 ls
400 vi sum.c
401 gcc sum.c && ./a.out
402 cat sum.c
403 vi sum.c
404 gcc sum.c && ./a.out
405 vi sum.c
406 gcc sum.c && ./a.out
407 gcc sum.c && ./a.out
408 gcc sum.c && ./a.out
409 ls
410 cd stepin/
411 ls
412 cat filecm
413 cat sum.c
414 cd
415 ls
416 pwd
417 mv ~sum.c ~/stepin/
418 mv ~ sum.c ~/stepin/
419 mv sum.c stepin
420 mv ~/sum.c ~/stepin/
421 ls
422 cd stepin/
423 ls
424 cat sum.c
425 gcc sum.c
426 ./a.out
427 ls
428 more filecm
429 less filecm
430 head -n 5 filecm
431 tail +5 filecm
432 ls
433 man cut
434 ls
435 nano sample.txt
436 cat sample.txt
437 sort sample.txt
438 sort sample.txt -r
```

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```
Ubuntu
438 sort sample.txt -r
439 sort -t ':' -k2 sample.txt
440 sed 's/ *: */:/g' sample.txt > cleaned.txt
441 cat sample.txt
442 sort -t ':' -k2 sample.txt
443 vim sample.txt
444 sort -t ':' -k2 sample.txt
445 cat sample.txt
446 sort -t ':' -k3 sample.txt
447 tr ':' '|' < sample.txt
448 ls
449 cat sample.txt
450 cut -c 1-3 sample.txt
451 cut 4-10 sample.txt
452 cut -d ':' -f2 sample.txt
453 cut -d ':' -f2,3 sample.txt
454 ls
455 cat demo
456 nano f1
457 nano f2
458 cat f1
459 cat f2
460 paste f1 f2
461 paste -d ':' f1 f2
462 paste -s f1 f2
463 cat sample.txt
464 sort -t ':' -k4 sample.txt
465 sort -t ':' -k3 sample.txt
466 tr ':' '|' < sample.txt
467 tr '[:0-9]|$' < sample.txt
468 tr -s '0' < sample.txt
469 tr -d '0' < sample.txt
470 man uniq
471 nano example.txt
472 cat example.txt
473 uniq example.txt
474 ls
475 cat sample.txt
476 cat cleaned.txt
477 diff sample.txt example.txt
```

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```
474 ls
475 cat sample.txt
476 cat cleaned.txt
477 diff sample.txt example.txt
478 cmp sample.txt example.txt
479 nano test.c
480 cat test.c
481 grep main test.c
482 grep ^main test.c
483 grep ^int test.c
484 grep \; test.c
485 nano test.c
486 cat test.c
487 grep ^int test.c
488 nano sed_test
489 cat sed_test
490 sed 's/Hello/Hi/' sed_test
491 sed -i 's/Hello/Hi/' sed_test
492 cat sed_test
493 sed 's/!/$/g' sed_test
494 sed '/simple/d' sed_test
495 sed '/Hi/a welcome to sed' sed_test
496 sed -n '/Hi/p' sed_test
497 man sed
498 nano employees.txt
499 cat employees.txt
500 awk '{print $0}' employees.txt
501 awk '{print $1, $3}' employees.txt
502 awk '$3>50000 '{print $1, $3}' employees.txt
503 awk '$3 > 50000 '{print $1, $3}' employees.txt
504 awk '$3 > 50000 '{print $1, $3}' employees.txt
505 nano employees.txt
506 awk '$3 > 50000 '{print $1, $3}' employees.txt
507 cat employees.txt
508 awk '$3 > 50000 '{print $1, $3}' employees.txt
509 awk 'BEGIN {print "Name:, Salary: "}' employees.txt
510 awk 'BEGIN {print "Name Salary: "}' employees.txt
511 awk 'BEGIN {print "Name Age Salary: "}' employees.txt
512 awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
513 awk '{print $0}' employees.txt
```

```
495 sed '/Hi/a welcome to sed' sed_test
496 sed -n '/Hi/p' sed_test
497 man sed
498 nano employees.txt
499 cat employees.txt
500 awk '{print $0}' employees.txt
501 awk '{print $1, $3}' employees.txt
502 awk '$3>50000 '{print $1, $3}' employees.txt
503 awk '$3 > 50000 '{print $1, $3}' employees.txt
504 awk '$3 > 50000 '{print $1, $3}' employees.txt
505 nano employees.txt
506 awk '$3 > 50000 '{print $1, $3}' employees.txt
507 cat employees.txt
508 awk '$3 > 50000 '{print $1, $3}' employees.txt
509 awk 'BEGIN {print "Name:, Salary: "}' employees.txt
510 awk 'BEGIN {print "Name Salary: "}' employees.txt
511 awk 'BEGIN {print "Name Age Salary: "}' employees.txt
512 awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
513 awk '{print $0}' employees.txt
514 awk '{print NR, $0}' employees.txt
515 awk '/Alice/' employees.txt
516 awk '$2 < 30 {print $1, $2}' employees.txt
517 awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
518 awk 'END {print "Total employees= ", NR}' employees.txt
519 ls -l
520 ls -l
521 ls -l example.txt
522 ls -l sample.txt
523 ls -l u+x sample.txt
524 chmod u+x sample.txt
525 ls -l sample.txt
526 chmod 462 sample.txt
527 ls -l sample.txt
528 chmod 461 sample.txt
529 ls -l sample.txt
530 history
aditya@Aditya:~/stepin$
```

