```
362  vi sum.c
363  gcc sum.c && ./a.out
364  vi filecmd
365  cat filecmd
366  gcc sum.c
367  ./a.out
368  gcc sum.c && ./a.out
369  ls
370  more filecmd
371  nano filecmd
372  less filecmd
373  head filecmd
374  head -n 5 filecmd
375  tail +5 filecmd
376  nano sample.txt
377  cat sample.txt
378  cut -c 1-3 sample.txt
379  cut -c 4 -10 sample.txt
380  cut -c 4-10 sample.txt
381  cat sample.txt
382  cut -d ':' -f2 sample.txt
383  cut -d ':' -f2, 3 sample.txt
384  ls
385  cat demo
386  nano f1
387  nano f2
388  cat f1
389  cat f2
390  paste f1 f2
391  paste -d ':' f1 f2
392  paste -s f1 f2
393  cat sample.txt
394  sort sample.txt -r
395  sort -t ':' -k2 sample.txt
396  sort -t ':' -k3 sample.txt
397  cat sample.txt
398  tr ':' '|' <sample.txt
399  cat sample.txt
400  ls
401  tr ':' '|' sample.txt> s1.txt
```

```
402  ls
403  cat s1.txt
404  tr ':0' '|$' <sample.txt
405  cat sample.txt
406  tr -s '0' <sample.txt
407  cat sample.txt
408  tr -d '0' <sample.txt
409  nano example.txt
410  cat example.txt
411  uniq example.txt
412  nano example.txt
413  cat example.txt
414  uniq example.txt
415  ls
416  cat sample.txt
417  cat s1.txt
418  cmd sample.txt s1.txt
419  diff sample.txt s1.txt
420  ls
421  nano test.c
422  cat test.c
423  grep main test.c
424  grep \; test.c
425  nano test.c
426  nano sed_test
427  sed 's/Hello/Hi/' sed_test
428  cat sed_test
429  sed -i 's/Hello/Hi/' sed_test
430  cat sed_test
431  sed -i 's/!Hello/Hi/' sed_test
432  cat sed_test
433  sed '/simple/d' sed_test
434  sed '/Hi/a Welcome to sed' sed_test
435  sed -n 'Hi/p' sed_test
436  nano employees.txt
437  cat employees.txt
438  awk '{print $0}' employees.txt
439  awk '{print $1, $3}' employees.txt
440  awk $3> 50000 '{print $1, $3}' employees.txt
441  awk 'BEGIN {print "Name:, Salary:"}{print $1, $3}' employee.txt
```

```
441  awk 'BEGIN {print "Name:, Salary:"}{print $1, $3}' employee.txt
442  awk 'BEGIN {PRINT "Name Age Salary"}{print $1, $2, $3}' employees.txt
443  awk '{total+= $3}END {print "Total Salary=", total}' employees.txt
444  awk '{print $0}' employees.txt
445  awk '{print NR, $1}' employees.txt
446  awk '{print NR, $0}' employees.txt
447  awk '/Alice/' employees.txt
448  awk '$2<30{print $1, $2}' employees.txt
449  awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1,$2,$3}' employees.txt
450  awk 'END {print "Total employees=", NR}' employees.txt  451  ls -l
452  ls -l s1.txt
453  chmod u+x s1.txt
454  ls -l s1.txt
455  chmod o-r s1.txt
456  ls -l s1.txt
457  chmod 462 s1.txt
458  ls -l s1.txt
459  history
```

```
┌──(kali㉿Ashray-Laptop)-[~]
└─$
```