

```
sakshikamate@Sakshi: ~  
227 vi sum.c  
228 gcc sum.c && ./a.out  
229 vi sum.c  
230 gcc sum.c && ./a.out  
231 vi sum.c  
232 gcc sum.c && ./a.out  
233 vi sum.c  
234 gcc sum.c && ./a.out  
235 vi filecmd  
236 cat filecmd  
237 cat sum.c  
238 ls  
239 more filecmd  
240 nano filecmd  
241 more filecmd  
242 less filecmd  
243 head filecmd  
244 head -n 5 filecmd  
245 tail filecmd  
246 tail +5 filecmd  
247 nano sample.txt  
248 cat sample.txt  
249 cut -c 1-3 sample.txt  
250 cut -c 4-10 sample.txt  
251 cat sample.txt  
252 cut -d ':' -f2 sample.txt  
253 cut -d ':' -f2,3 sample.txt  
254 ls  
255 cat demo  
256 nano f1  
257 nano f2  
258 cat f1  
259 cat f2  
260 paste f1 f2  
261 paste -d ':' f1 f2  
262 paste -s f1 f2  
263 cat sample.txt  
264 sort sample.txt  
265 sort sample.txt -r  
266 sort -t ':' -k2 sample.txt
```

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sakshikamate@Sakshi: ~  
267 sort -t ':' -k3 sample.txt  
268 sort -t ':' -k4 sample.txt  
269 sort -t ':' -k3 sample.txt -r  
270 cat sample.txt  
271 tr ':' '|' < sample.txt> s1.txt  
272 ls  
273 cat s1.txt  
274 tr ':0' '|' $' < sample.txt  
275 tr ':0' '|' $'<sample.txt  
276 tr':0' '|' $'<sample.txt  
277 tr': 0' '|' $' < sample.txt  
278 tr ': 0' '|' $' < sample.txt  
279 cat sample.txt  
280 tr -s '0' < sample.txt  
281 cat sample.txt  
282 tr -d '0' < sample.txt  
283 nano example.txt  
284 cat example.txt  
285 uniq example.txt  
286 ls  
287 cat sample.txt  
288 cat s1.txt  
289 cmp sample.txt s1.txt  
290 diff sample.txt s1.txt  
291 ls  
292 nano test1.c  
293 cat test1.c  
294 grep main test.c  
295 grep main test1.c  
296 grep ^main test1.c  
297 grep ^int test1.c  
298 grep \; test1.c  
299 nano test.c  
300 rm test.c  
301 l  
302 ls  
303 nano test1.c  
304 cat test1.c  
305 grep ^int test1.c  
306 nano test1.c
```

```

sakshikamate@Sakshi: ~
307 nano sed_test
308 cat sed_test
309 sed 's/Hello/Hi/' sed_test
310 cat sed_test
311 sed -i 's/Hello/Hi/' sed_test
312 cat sed_test
313 sed 's/!/$/g' sed_test
314 cat sed_test
315 sed '/simple/d' sed_test
316 sed '/Hi/a Welcome to sed' sed_test
317 sed -n '/Hi/p' sed_test
318 nano employees.txt
319 cat employees.txt
320 awk '{print $0}' employees.txt
321 awk '{print $1,$3}' employees.txt
322 awk '$3>50000 '{print $1,$3}' employees.txt
323 awk '$3 > 50000 '{print $1 , $3}' employees.txt
324 awk '$3 > 50000 {print $1 , $3}' employees.txt
325 awk 'BEGIN {print "Name: , Salary:"}{print $1, $3}' employees.txt
326 awk 'BEGIN {print "Name Salary"}{print $1, $3}' employees.txt
327*
328 awk '{total+=$3}END{print "Total Salary= ",total
awk 'BEGIN {print "Name Salary"}{print $1, $3}' employees.txt

q
awk 'BEGIN {print "Name Age Salary"}{print $1, $2 , $3}' employees.txt'
329 awk '{total+=$3}END{print "Total Salary= ",total}' employees.txt
330 awk '{print $0 }' employees.txt
331 awk '{print NR,$1}' employees.txt
332 awk '{print NR,$0}' employees.txt
333 awk '/Alice/' employees.txt
334 awk '$2<30 {print $1,$2}' employees.txt
335 awk '{printf"Name: %s,Age:%d, Salary:%d\n", $1,$2,$3}' employees.txt
336 awk 'END {print "Total employees = ",NR}' employees.txt
337 ls -l
338 ls -l s1.txt
339 chmod u+x s1.txt
340 ls -l s1.txt

```

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```
323 awk $3 > 50000 '{print $1 , $3}' employees.txt
324 awk '$3 > 50000 {print $1 , $3}' employees.txt
325 awk 'BEGIN {print "Name: , Salary:"}{print $1, $3}' employees.txt
326 awk 'BEGIN {print "Name Salary"}{print $1, $3}' employees.txt
327*
328 awk '{total+=$3}END{print "Total Salary= ",total
awk 'BEGIN {print "Name Salary"}{print $1, $3}' employees.txt
```

q

```
awk 'BEGIN {print "Name Age Salary"}{print $1, $2 , $3}' employees.txt'
329 awk '{total+=$3}END{print "Total Salary= ",total}' employees.txt
330 awk '{print $0 }' employees.txt
331 awk '{print NR,$1}' employees.txt
332 awk '{print NR,$0}' employees.txt
333 awk '/Alice/' employees.txt
334 awk '$2<30 {print $1,$2}' employees.txt
335 awk '{printf"Name: %s, Age:%d, Salary:%d\n", $1,$2,$3}' employees.txt
336 awk 'END {print "Total employees = ",NR}' employees.txt
337 ls -l
338 ls -l s1.txt
339 chmod u+x s1.txt
340 ls -l s1.txt
341 chmod o-r s1.txt
342 ls -l s1.txt
343 chmod 462 s1.txt
344 ls -l s1.txt
345 history
sakshikamate@Sakshi:~$ |
```