

```
243 ls
244 cd
245 rm -r new
246 ls
247 history
248 ls
249 cd stepin
250 ls
251 vi sum.c
252 ls
253 cd stepin
254 ls
255 vi sum.c
256 gcc sum.c && ./a.out
257 vi sum.c
258 gcc sum.c && ./a.out
259 vi filecmd
260 cat filecmd
261 cat sum.c
262 gcc sum.c
263 ./a.out
264 ./a.out
265 gcc sum.c && ./a.out
266 more filecmd
267 nano filecmd
268 cat filecmd
269 more filecmd
270 less filecmd
271 head filecmd
272 head -n 5 filecmd
273 tail filecmd
274 tail +5 filecmd
275 nano sample.txt
276 cat sample.txt
277 cut -c 1-3 sample.txt
278 cut -c 4-10 sample.txt
279 cut -d ":" -f2
280 nano sample.txt
281 cat sample.txt
282 cut -d ":" -f2
283 cut -d ":" -f2 sample.txt
284 cut -d ":" -f2,3 sample.txt
285 nano f1
286 nano f2
287 cat f1
288 cat f2
289 paste f1 f2
290 paste -d ":" f1 f2
291 paste -s f1 f2
292 cat sample.txt
293 sort sample.txt
294 sort sample.txt -r
295 sort -t ":" -k2 sample.txt
296 sort -t ':' -k3 sample.txt
297 sort -t ':' -k4 sample.txt
298 sort -t ':' -k3 sample.txt -r
299 tr ":" "|" < sample.txt
300 tr ":" "|" < sample.txt > s1.txt
301 ls
302 cat s1.txt
```

kartik@LAPTOP-8H0VJTF6: ~/ X

+ v

```
303 nano example.txt
304 cat example.txt
305 uniq example.txt
306 ls
307 cat sample.txt
308 cat s1.txt
309 cmp sample.txt s1.txt
310 diff sample.txt s1.txt
311 nano test.c
312 cat test.c
313 grep main test.c
314 grep ^main test.c
315 grep ^int test.c
316 grep \; test.c
317 grep ^; test.c
318 grep \; test.c
319 nano sed_test
320 cat sed_test
321 sed '/simple/d' sed_test
322 sed '/Hi/a welcome to sed' sed_test
323 sed 's/Hello/Hi/' sed_test
324 cat test.c
325 cat sed_test
326 sed 's/Hello/Hi/' sed_test
327 sed -i 's/Hello/Hi/' sed_test
328 sed 's/!/$/g' sed_test
329 nano sed_test
330 sed 's/!/$/g' sed_test
331 sed '/simple/d' sed_test
332 sed '/Hi/a Welcome to sed' sed_test
```



kartik@LAPTOP-8H0VJTF6: ~/ X + v

```
333 sed -n '/Hi/p' sed_test
334 nano employees.txt
335 cat employees.txt
336 awk '{print $0}' employees.txt
337 awk '{print $1, $3}' employees.txt
338 awk '$3>50000 '{print $1, $3}' employees.txt
339 awk '$3 > 50000 {print $1, $3}' employees.txt
340 awk 'BEGIN {print "Name:, Salary: "} {print $1, $3}' employees.txt
341 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
342 awk 'BEGIN {print "Name Age Salary"} {print $1, $2, $3}' employees.txt
343 awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
344 awk '{print $0}' employees.txt
345 awk '{print NR, $1}' employees.txt
346 awk '{print NR, $0}' employees.txt
347 awk '/Alice/' employees.txt
348 awk '$2 < 30 {print $1, $2}' employees.txt
349 awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
350 awk 'END {print "Total employees= ", NR}' employees.txt
351 ls -l
352 ls -l s1.txt
353 chmod u+x s1.txt
354 ls -l s1.txt
355 chmod o-r s1.txt
356 ls -l s1.txt
357 chmod 462 s1.txt
358 ls-l s1.txt
359 chmod 266 s1.txt
360 ls-l s1.txt
361 ls -l s1.txt
362 chmod 462 s1.txt
```

```
362 chmod 462 s1.txt
363 ls -l s1.txt
364 history
kartik@LAPTOP-8H0VJTF6:~/stepin$ |
```