

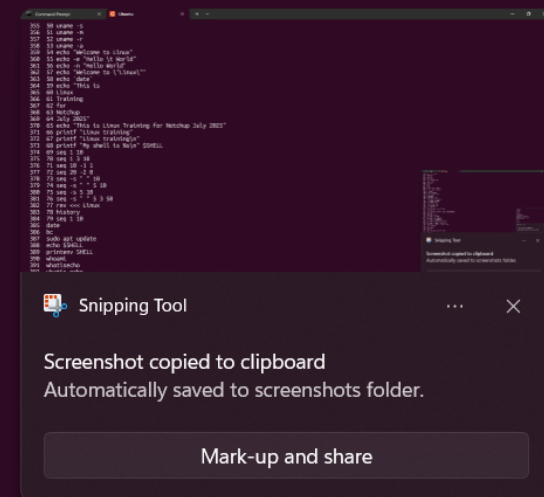
```
(interrupt) use quit to exit.
```

```

403 at employees.txt
404 awk '{print $0}' employees.txt
405 awk '{print $1, $3}' employees.txt
406 awk '$3 > 50000 {print $1, $3}' employees.txt
407 awk 'BEGIN {print "Name:, Salary: "} {print $1, $3}' employees.txt
408 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
409 awk 'BEGIN {print "Name Age Salary"} {print $1, $2, $3}' employees.txt
410 awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
411 awk '{print $0}' employees.txt
412 awk '{print NR, $1}' employees.txt
413 awk '{print NR, $0}' employees.txt
414 awk '/Alice/' employees.txt
415 awk '$2 < 30 {print $1, $2}' employees.txt
416 awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
417 awk 'END {print "Total employees= ", NR}' employees.txt
418 ls -l
419 ls -l s1.txt
420 chmod u+x s1.txt
421 ls -l s1.txt
422 chmod o-r s1.txt
423 ls -l s1.txt
424 chmod 462 s1.txt
425 ls -l s1.txt
426 history
427 ls -l
428 426 ls -l s1.txt
429 427 chmod u+x s1.txt
430 428 ls -l s1.txt
431 429 chmod o-r s1.txt
432 430 ls -l s1.txt
433 431 chmod 462 s1.txt
434 432 ls -l s1.txt
435 history

```

```
gopika_chandana@Gopikachandana:~$
```



```
124 history
125 history
126 time
127 date
128 uname -o
129 uname -i
130 uname -v
131 uname -s
132 uname -m
133 uname -r
134 uname -a
135 echo "chandu"
136 date
137 seq 1 10
138 seq 1 100
139 seq 1 3 10
140 seq 10 1
141 seq 10 -1 1
142 seq -s 10
143 seq -s " " 10
144 history
145 date
146 ls
147 cd
148 cd -
149 pwd
150 mkdir stepin
151 cd stepin
152 cd
153 mkdir sdlc git linux
154 ls
155 cd sdlc
156 cd --
157 cd sdlc
158 cd model
159 mano text
160 wc cisd
161 ws CI CD
162 nano text
163 wc
```

Snipping Tool

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Mark-up and share



Search



ENG
IN



21:03

30-07-2025



```
355 50 uname -s
356 51 uname -m
357 52 uname -r
358 53 uname -a
359 54 echo "Welcome to Linux"
360 55 echo -e "Hello \t World"
361 56 echo -n "Hello World"
362 57 echo "Welcome to \"Linux\""
363 58 echo `date`
364 59 echo "This is
365 60 Linux
366 61 Training
367 62 for
368 63 Notchup
369 64 July 2025"
370 65 echo "This is Linux Training for Notchup July 2025"
371 66 printf "Linux training"
372 67 printf "Linux training\n"
373 68 printf "My shell is %s\n" $SHELL
374 69 seq 1 10
375 70 seq 1 3 10
376 71 seq 10 -1 1
377 72 seq 20 -2 0
378 73 seq -s " " 10
379 74 seq -s " " 5 10
380 75 seq -s 5 10
381 76 seq -s " " 5 3 50
382 77 rev <<< Linux
383 78 history
384 79 seq 1 10
385 date
386 bc
387 sudo apt update
388 echo $SHELL
389 printenv SHELL
390 whoami
391 whatisecho
392 whatis echo
393 whatis printenv
394 whatis whoami
```

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Mark-up and share

```
299 ls -l s1.txt
300 history
301 history
302 history
303 cat sample.txt
304 vi sum.c
305 history
306 date
307 2 bc
308 3 sudo apt update
309 4 sudo apt upgrade
310 5 clear
311 6 echo $SHELL
312 7 printenv SHELL
313 8 whoami
314 9 whatis echo
315 10 whatis printenv
316 11 whatis whoami
317 12 whatis cat
318 13 whereis cat
319 14 whereis gcc
320 15 info cat
321 16 sudo apt install gcc
322 17 clear
323 18 sudo apt install build-essential
324 19 date
325 20 date "+%D"
326 21 date "+%D %T"
327 22 date "+%Y-%m-%d"
328 23 date "+%Y/%m/%d"
329 24 date "+%A %B %d %Y %T"
330 25 date --date "tomorrow"
331 26 date --date "2 years ago"
332 27 man date
333 28 clear
334 29 cal
335 30 sudo apt install ncal
336 31 cal
337 32 cal 7 2025
338 33 cal 5 2025
```

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Mark-up and share

```
263 cat sum.c
264 grep main sum.c
265 grep ^main test.c
266 grep ^main sum.c
267 grep ^int sum.c
268 grep |;test.c
269 nano sim.c
270 nano sum.c
271 grep |test.c
272 nano sed.txt
273 cat sed.txt
274 sed -i 's/Hello/Hi' sed_test
275 sed -i 's/Hello/Hi' sed.txt
276 nano employees.txt
277 cat employees.txt
278 awk '{print $0}' employees.txt
279 awk '{print $1,$3}' employees.txt
280 nano employees.txt
281 awk '$3>50000 {print $1,$3}' employees.txt
282 awk 'BEGIN {print "Nme: ,salary: "} {print $1,$3}' employee.txt
283 awk 'BEGIN {print "Nme: salary: "} {print $1,$3}' employee.txt
284 awk 'BEGIN {print "Nme: salary: "} {print $1,$3}' employees.txt
285 clear
286 awk '{total+= $3} END {print "Total Salary=",total}' employee.txt
287 awk '{total+= $3} END {print "Total Salary=",total}' employees.txt
288 awk '{print NR,$1}' employees.txt
289 awk '{print NR,$0}' employees.txt
290 ls
291 ls -l
292 ls -l s1.txt
293 chmod u+x s1.txt
294 ls -l s1.txt
295 chmod o-r s1.txt
296 ls -l s1.txt
297 chmod 462
298 chmod 462 s1.txt
299 ls -l s1.txt
300 hisrory
301 history
302 history
```

```

263 cat sum.c
264 grep main sum.c
265 grep ^main test.c
266 grep ^main sum.c
267 grep ^int sum.c
268 grep |;test.c
269 nano sim.c
270 nano sum.c
271 grep |test.c
272 nano sed.txt
273 cat sed.txt
274 sed -i 's/Hello/Hi' sed_test
275 sed -i 's/Hello/Hi' sed.txt
276 nano employees.txt
277 cat employees.txt
278 awk '{print $0}' employees.txt
279 awk '{print $1,$3}' employees.txt
280 nano employees.txt
281 awk '$3>50000 {print $1,$3}' employees.txt
282 awk 'BEGIN {print "Nme: ,salary: "} {print $1,$3}'employee.txt
283 awk 'BEGIN {print "Nme: salary: "} {print $1,$3}'employee.txt
284 awk 'BEGIN {print "Nme: salary: "} {print $1,$3}'employees.txt
285 clear
286 awk '{total+= $3} END {print "Total Salary=",total}'employee.txt
287 awk '{total+= $3} END {print "Total Salary=",total}'employees.txt
288 awk '{print NR,$1}' employees.txt
289 awk '{print NR,$0}' employees.txt
290 ls
291 ls -l
292 ls -l s1.txt
293 chmod u+x s1.txt
294 ls -l s1.txt
295 chmod o-r s1.txt
296 ls -l s1.txt
297 chmod 462
298 chmod 462 s1.txt
299 ls -l s1.txt
300 hisrory
301 history
302 history

```



Snipping Tool

...

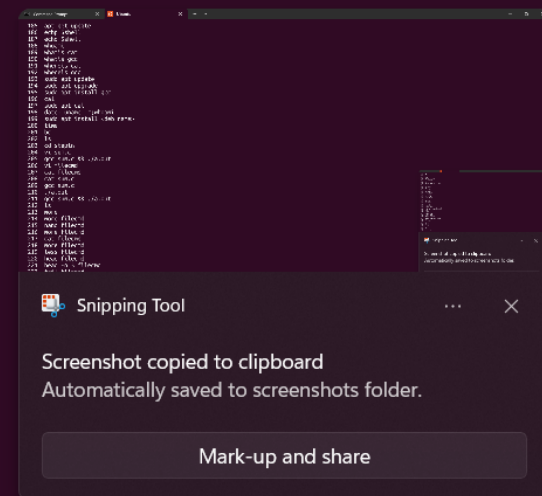
×

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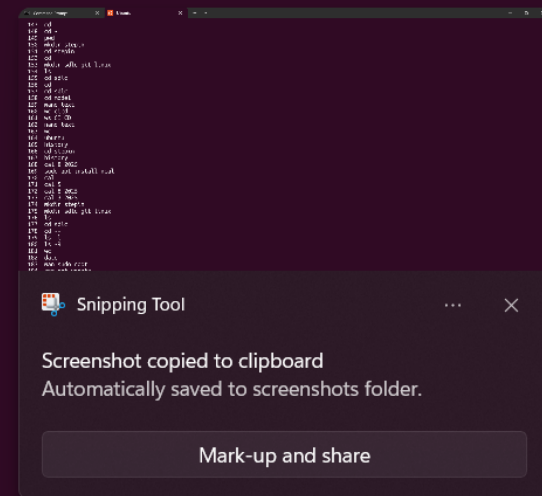
Automatically saved to screenshots folder.

Mark-up and share

```
225 nano sample.txt
226 clear
227 cat sample.txt
228 cut -c 1-3
229 history
230 cut -c 1-3 sample.txt
231 ls
232 cat sample.txt
233 nano f1
234 nano f2
235 cat f1
236 cat f2
237 paste f1 f2
238 paste -d ':' f1 f2
239 paste -s f1 f2
240 cat sample.txt
241 sort sample.txt
242 sort sample.txt -r
243 sort -t ':' -k2 sample.txt
244 sort -t ':' -k3 sample.txt
245 sort -t ':' -k3 sample.txt -r
246 clear
247 cat sample.txt
248 tr ':' '|' <sample.txt
249 ls
250 tr ':' '|' <sample.txt> s1.txt
251 ls
252 cat s1.txt
253 tr ':0' '|' <sample.txt
254 clear
255 cat sample.txt
256 tr -s '0' <sample.txt
257 tr -d '0' <sample.txt
258 nano example.txt
259 cat example.txt
260 cmp sample.txt s1.txt
261 diff sample.txt s1.txt
262 cat test.c
263 cat sum.c
264 grep main sum.c
```



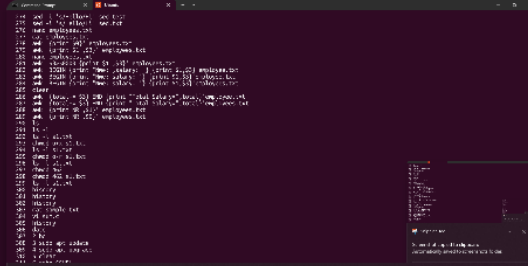
```
185 apt-get update
186 echp $shell
187 echo $shell
188 whoami
189 whatis cat
190 whatis gcc
191 whereis cat
192 whereis gcc
193 sudo apt update
194 sudo apt upgrade
195 sudo apt install gcc
196 cal
197 sudo apt cal
198 date: uname -r;whoami
199 sudo apt install <deb name>
200 time
201 bc
202 ls
203 cd stepin
204 vi sum.c
205 gcc sum.c && ./a.out
206 vi filecmd
207 cat filecmd
208 cat sum.c
209 gcc sum.c
210 ./a.out
211 gcc sum.c && ./a.out
212 ls
213 more
214 more filecmd
215 nano filecmd
216 more filecmd
217 cat filecmd
218 more filecmd
219 less filecmd
220 head filecmd
221 head -n 5 filecmd
222 tail filecmd
223 tail -n 5 filecmd
224 tail +5 filecmd
```




```
147 cd
148 cd -
149 pwd
150 mkdir stepin
151 cd stepin
152 cd
153 mkdir sdlc git linux
154 ls
155 cd sdlc
156 cd --
157 cd sdlc
158 cd model
159 mano text
160 wc cisd
161 ws CI CD
162 nano text
163 wc
164 ubuntu
165 history
166 cd stepin
167 history
168 cal 8 2025
169 sudo apt install ncal
170 cal
171 cal 5
172 cal 8 2025
173 cal 3 2025
174 mkdir stepin
175 mkdir sdlc git linux
176 ls
177 cd sdlc
178 cd --
179 ls -l
180 ls -R
181 wc
182 date
183 man sudo_root
184 apt_get update
185 apt-get update
186 echp $shell
```



```
362 57 echo "Welcome to \"Linux\""
363 58 echo `date`
364 59 echo "This is
365 60 Linux
366 61 Training
367 62 for
368 63 Notchup
369 64 July 2025"
370 65 echo "This is Linux Training for Notchup July 2025"
371 66 printf "Linux training"
372 67 printf "Linux training\n"
373 68 printf "My shell is %s\n" $SHELL
374 69 seq 1 10
375 70 seq 1 3 10
376 71 seq 10 -1 1
377 72 seq 20 -2 0
378 73 seq -s " " 10
379 74 seq -s " " 5 10
380 75 seq -s 5 10
381 76 seq -s " " 5 3 50
382 77 rev <<< Linux
383 78 history
384 79 seq 1 10
385 date
386 bc
387 sudo apt update
388 echo $SHELL
389 printenv SHELL
390 whoami
391 whatisecho
392 whatis echo
393 whatis printenv
394 whatis whoami
395 whatis cat
396 info cat
397 date
398 gopika_chandana@Gopikachandana:~$ bc
399 bc 1.07.1
400 Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Software Foundation, Inc.
401 This is free software with ABSOLUTELY NO WARRANTY.
```




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Mark-up and share

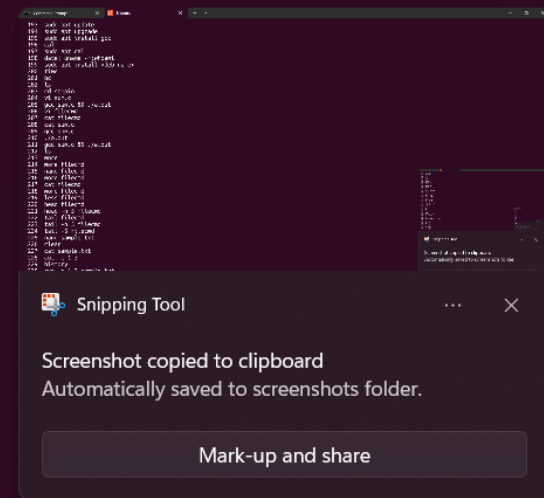
```
274 sed -i 's/Hello/Hi' sed_test
275 sed -i 's/Hello/Hi' sed.txt
276 nano employees.txt
277 cat employees.txt
278 awk '{print $0}' employees.txt
279 awk '{print $1,$3}' employees.txt
280 nano employees.txt
281 awk '$3>50000 {print $1,$3}' employees.txt
282 awk 'BEGIN {print "Nme: ,salary: "} {print $1,$3}' employee.txt
283 awk 'BEGIN {print "Nme: salary: "} {print $1,$3}' employee.txt
284 awk 'BEGIN {print "Nme: salary: "} {print $1,$3}' employees.txt
285 clear
286 awk '{total+= $3} END {print "Total Salary=",total}' employee.txt
287 awk '{total+= $3} END {print "Total Salary=",total}' employees.txt
288 awk '{print NR,$1}' employees.txt
289 awk '{print NR,$0}' employees.txt
290 ls
291 ls -l
292 ls -l s1.txt
293 chmod u+x s1.txt
294 ls -l s1.txt
295 chmod o-r s1.txt
296 ls -l s1.txt
297 chmod 462
298 chmod 462 s1.txt
299 ls -l s1.txt
300 hisrory
301 history
302 history
303 cat sample.txt
304 vi sum.c
305 history
306 date
307 2 bc
308 3 sudo apt update
309 4 sudo apt upgrade
310 5 clear
311 6 echo $SHELL
312 7 printenv SHELL
313 8 whoami
```

 Snipping Tool

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Mark-up and share

```
228 cut -c 1-3
229 history
230 cut -c 1-3 sample.txt
231 ls
232 cat sample.txt
233 nano f1
234 nano f2
235 cat f1
236 cat f2
237 paste f1 f2
238 paste -d ':' f1 f2
239 paste -s f1 f2
240 cat sample.txt
241 sort sample.txt
242 sort sample.txt -r
243 sort -t ':' -k2 sample.txt
244 sort -t ':' -k3 sample.txt
245 sort -t ':' -k3 sample.txt -r
246 clear
247 cat sample.txt
248 tr ':' '|' <sample.txt
249 ls
250 tr ':' '|' <sample.txt> s1.txt
251 ls
252 cat s1.txt
253 tr ':0' '|$' <sample.txt
254 clear
255 cat sample.txt
256 tr -s '0' <sample.txt
257 tr -d '0' <sample.txt
258 nano example.txt
259 cat example.txt
260 cmp sample.txt s1.txt
261 diff sample.txt s1.txt
262 cat test.c
263 cat sum.c
264 grep main sum.c
265 grep ^main test.c
266 grep ^main sum.c
267 grep ^int sum.c
```



```
193 sudo apt update
194 sudo apt upgrade
195 sudo apt install gcc
196 cal
197 sudo apt cal
198 date: uname -r;whoami
199 sudo apt install <deb name>
200 time
201 bc
202 ls
203 cd stepin
204 vi sum.c
205 gcc sum.c && ./a.out
206 vi filecmd
207 cat filecmd
208 cat sum.c
209 gcc sum.c
210 ./a.out
211 gcc sum.c && ./a.out
212 ls
213 more
214 more filecmd
215 nano filecmd
216 more filecmd
217 cat filecmd
218 more filecmd
219 less filecmd
220 head filecmd
221 head -n 5 filecmd
222 tail filecmd
223 tail -n 5 filecmd
224 tail +5 filecmd
225 nano sample.txt
226 clear
227 cat sample.txt
228 cut -c 1-3
229 history
230 cut -c 1-3 sample.txt
231 ls
232 cat sample.txt
```

