

5528710_TEJAS V REDDY Module 3 Linux Commands

```
tejas_v_reddy@ELL-INSPIRON:~$ history
1 date
2 hi!
3 clear
4 -l
5 man sudo_root
6 exit
7 echo $SHELL
8 whoami
9 whatis cat
10 whatis gcc
11 whereis cat
12 whereis gcc
13 info cat
14 sudo apt update
15 whoami
16 whatis cat
17 man sudo_root
18 info cat
19 sudo apt update
20 apt list --upgradable
21 apt list --upgradable
22 sudo apt install build-essential
23 sudo apt install gcc
24 sudo apt install g++
25 date
26 date; uname -r; whoami
27 date; uname -r; whoami
28 date; ls whoami
29 date; uname -r; whoami;
30 date; uname -e; whoami;
31 sudo apt install
32 date; uname -r; whoami
33 sudo apt install tejas_v_reddy
34 day
35 date
36 date +%d%
37 date +%d %T%
38 date +%Y - %M - %D%
39 date +%Y - %m - %d%
40 date +%A %B %d %y %T%
41 info date
42 date --date "2 years ago"
43 cal
44 calender
45 cal 10 2025
46 sudo apt install ncal
47 cal
48 cal 10 2025
49 cal 2025
50 cal -3
51 bc
52 5+5+5+5+5
53 bc
54 bc <<< "12/5"
55 bc <<< "scale=2; 12/5"
56 bc <<< "scale=3; 12/5;"
57 quit
58 clc
59 bc <<< "scale=3; 12/5"
60 clear
61 exit
62 log n
63 bc
64 bc <<< "2^10"
65 kernel
66 uname -i
67 uname -m
68 uname -p
69 uname -v
70 uname -s
71 uname -a
72 echo Welcome To Linux Training
73 echo -n "Hello world"
74 echo "Welcome to [Linux Tr \Linux Training]"
75 quit
76 clear
77 echo 'date'
78 echo "date"
79 echo `date`
80 echo 'date';
81 echo "date"
82 sequence 1 10
83 seq 1 10
84 seq 1 3 10
85 seq 10-1 1
86 seq 10 -1 1
87 seq -s " " 1 10
88 seq " " 5 3
89 seq " " 2 1 10
90 seq -s " " 2 1 10
91 seq -s " " 2 0 10
92 rev linux
93 rev <<< Linux
94 history
95 history 10
96 date --date "2 years ago"
97 status
98 init
99 echo $?
100 uname -r
101 date
102 man cat
103 nano text
104 gcc
105 ls
106 ls
107 cd documents
108 nano text
109 ls
110 open ls
```

```
111 ls
112 cd new
113 cd ...
114 day
115 date
116 time
117 clc
118 clock
119 log
120 history
121 pwd
122 cd
123 mkdir Stepin
124 cd Stepin
125 mkdir sdic git linux
126 ls
127 cd sdic
128 -n
129 ls -n
130 ls -a
131 wc text
132 date
133 bc
134 date
135 bc
136 sudo apt update
137 sudo upgrade
138 clear
139 echo $SHELL
140 printenv SHELL
141 whoami
142 whatis echo
143 whatis printenv
144 whatis whoami
145 whereis cat
146 history
147 clear
148 date
149 bc
150 sudo apt update
151 sudo apt upgrade
152 sudo apt upgrade
153 date
154 bc
155 sudo apt update
156 sudo apt upgrade
157 clear
158 echo $SHELL
159 printenv SHELL
160 whoami
161 whatis echo
162 whatis printenv
163 whatis whoami
164 whatis cat
165 whereis cat
166 whereis gcc

167 info cat
168 sudo apt install gcc
169 clear
170 sudo apt install build-essential
171 date
172 date +%p
173 date +%d %T
174 date +%Y-%m-%d
175 date +%Y/%m/%d
176 date +%A %B %d %Y %T
177 date --date "tomorrow"
178 date --date "tomorrow"
179 date --date "2 years ago"
180 ran date
181 clear
182 cal
183 sudo apt ncal
184 sudo apt install ncal
185 cal
186 cal 7 2025
187 cal 9 2025
188 cal 2025
189 cal -3 2025
190 cal -3
191 cal -3
192 clear
193 ps
194 exit
195 bc
196 bc <<< "12/5"
197 bc <<< "scale=2; 12/5"
198 bc <<< "2*3"
199 bc <<< "2*10"
200 uname
201 uname -p
202 uname -i
203 uname -n
204 uname -r
205 uname -s
206 uname -m
207 uname -T
208 uname -a
209 echo "Welcome to Linux"
210 echo -e "Hello \tworld"
211 echo -n "Hello world"
212 echo "Welcome to \"Linux\""
213 echo `date`
214 echo "This is
215 Linux
216 Training
217 for
218 Notchup
219 July 2025"
220 echo "This is Linux Training for Notchup July 2025"
221 printf "Linux training"
222 printf "Linux Training\n"

223 printf "my shell is %s\n" $SHELL
224 seq 1 10
225 seq 1 3 10
226 seq 10 -1 1
227 seq 20 -2 9
228 seq -s " " 10
229 seq -s " " 5 10
230 seq -s 5 10
231 seq -s " " 5 3 50
232 seq <<< Linux
233 history
234 date --date "2 Years ago"
235 sudo apt install ncal
236 sudo apt install ncal
237 echo $?
238 echo $?
239 false
240 ls
241 nano newfile
242 cd new
243 ls
244 mkdir new
245 cd new
246 mkdir new1 new2
247 ls
248 cd -
249 cd -
250 mkdir -p d1/d2
251 ls
252 cd d1
253 ls
254 ls -l
255 cd ..
256 cd
257 ls -l
258 ls -a
259 ls -R
260 nano demo
261 wc demo
262 touch newfile.txt
263 nano newfile.txt
264 cat newfile.txt
265 cat newfile.txt > output.txt
266 cat output.txt
267 cat -n demo
268 ls
269 mkdir training
270 cp newfile output.txt training
271 cd training
272 ls
273 cd
274 ls -R
275 cp -R new training
276 ls
277 cd training
278 ls
```

```
279 cd
280 cd new
281 ls
282 cd
283 mv output.tct out
284 mv output.tct out
285 ls
286 cd training
287 ls
288 vi sum.c
289 gcc sum.c && ./a.out
290 vi sum.c
291 sudo apt install update
292 sudo apt install gcc
293 gcc ifelse.c
294 cd matchupry26
295 cd matchup3ul25
296 gcc ifelse.c
297 cd training
298 ls
299 vi sum.c
300 gcc sum.c && ./a.out
301 gcc ldarray.c
302 cd ..
303 gcc ldarray.c
304 ./a.out
305 sudo apt install update
306 sudo apt update
307 sudo apt upgrade
308 sudo apt install build-essential
309 exit
310 echo $SHELL
311 whoami
312 whatis cat
313 whatis gcc
314 whereis cat
315 whereis gcc
316 info cat
317 sudo apt update
318 sudo apt upgrade
319 sudo apt install build-essential
320 sudo apt install gcc
321 sudo apt install g++
322 date; uname -r; whoami
323 date; uname -r; whoami
324 date && whoami
325 dat && whoami
326 date "+%d"
327 date "+%d %T"
328 date "+%d %T"
329 date "+%Y -%m - %d"
330 date "+%A %d %d %Y %T"
331 date "+%A %d %d %Y %T"
332 info date
333 date --date "tomorrow"
334 date --date "2 years ago"
```

```
391 cd
392 cd ..
393 cd -
394 cd
395 pwd
396 cd -
397 pwd
398 mkdir stepin
399 cd stepin
400 mkdir sdic git linux
401 ls
402 cd sdic
403 cd models
404 mkdir -p models/agile
405 ls
406 cd models
407 ls
408 ls -l
409 ls -a
410 ls -R
411 cd agile
412 cd sdic
413 cd sdic
414 nano cicd
415 wc cicd
416 wc this is day2 of the training
417 ec
418 wc
419 history
420 touch newfile.txt
421 ls
422 nano newfile.tct
423 cat cicd > new.txt
424 cat newfile.txt
425 cat cicd
426 cat new.txt
427 cat cicd > new.tct
428 tac cicd
429 cd ..
430 ls
431 cd ..
432 cp demo newfile stepin
433 ls
434 cd stepin
435 rm day2
436 ls
437 cd new
438 quit
439 ls
440 history
441 whoami
442 ls
443 clear
444 ls
445 cd Stepin
446 ls
```

```
407 vi sum.c
408 cut -d ':' -f2 sample.txt
409 Stepin
410 ls
411 Stepin
412 cat Stepin
413 ls -l
414 ls -l
415 ls
416 vi sum.c
417 history
418 ls
419 vi sum.c
420 gcc sum.c && ./a.out
421 vi filecmd
422 cat filecmd
423 cat sum.c
424 gcc sum.c
425 ./a.out
426 gcc sum.c && ./a.out
427 ls
428 more filecmd
429 nano filecmd
430 more filecmd
431 less filecmd
432 head filecmd
433 head -n 5 filecmd
434 tail filecmd
435 tail +5 filecmd
436 nano sample.txt
437 cat sample.txt
438 cut -c 1-3 sample.txt
439 cut -c 4-10 sample.txt
440 cat sample.txt
441 cut -d ':' -f2 sample.txt
442 ls
443 cat demo
444 nano f1
445 nano f2
446 cat f1
447 cat f2
448 paste -d ':' f1f2
449 ls
450 nano employees.txt
451 awk 'BEGIN {print "Name: Salary:"}[print$1, $3]' employees.txt
452 awk 'BEGIN {print "Name Salary:"[print$1, $3]' employees.txt
453 awk '{total+=$3} END {print "Total Salary=", total};' employees.txt
454 ls
455 awk '{total+=$3} END {print "Total Salary=", total};' employees.txt
456 ls
457 awk '{print $0}' employees.txt
458 awk '{print NR,$1}' employees.txt
459 awk '{print NR,$1}' employees.txt
460 awk '{print NR,$0}' employees.txt
461 awk '/Alice/' employees.txt
462 awk 'NR < 30 {print $1, $2}' employees.txt

463 awk '{printf "Name: %s, Salary: %d\n", $1, $2}' employees.txt
464 awk 'END {print "Total employees:", NR}' employees.txt
465 ls -l
466 ls -l s1.txt
467 chmod u+x s1.txt
468 ls -l s1.txt
469 chmod o-r s1.txt
470 ls -l s1.txt
471 chmod 402 s1.txt
472 ls -l s1.txt
473 history
tejas_v_paddy@DELL-INSPIRON:~$
```