

```
1 date
2 bc
3 sudo apt update
4 sudo apt upgrade
5 clear
6 echo $SHELL
7 printenv SHELL
8 whoami
9 whatis echo
10 whatis printenv
11 whatis whoami
12 whatis cat
13 whereis cat
14 whereis gcc
15 info cat
16 sudo apt install gcc
17 clear
18 sudo apt install build-essential
19 date
20 date "+%D"
21 date "+%D %T"
22 date "+%Y-%m-%d"
23 date "+%Y/%m/%d"
24 date "+%A %B %d %Y %T"
25 date --date "tomorrow"
26 date --date "2 years ago"
27 man date
28 clear
29 cal
30 sudo apt install ncal
31 cal
32 cal 7 2025
33 cal 5 2025
34 cal 2025
35 cal -3 2025
36 cal -3
37 clear
38 ps
39 exit
40 bc
41 bc <<< "12/5"
42 bc <<< "scale=2; 12/5"
43 bc <<< "2>5"
44 bc <<< "2^10"
45 uname
46 uname -o
47 uname -i
48 uname -n
49 uname -v
50 uname -s
51 uname -m
52 uname -r
53 uname -a
```

```
54 echo "Welcome to Linux"
55 echo -e "Hello \t World"
56 echo -n "Hello World"
57 echo "Welcome to \"Linux\""
58 echo `date`
59 echo "This is
60 Linux
61 Training
62 for
63 Notchup
64 July 2025"
65 echo "This is Linux Training for Notchup July 2025"
66 printf "Linux training"
67 printf "Linux training\n"
68 printf "My shell is %s\n" $SHELL
69 seq 1 10
70 seq 1 3 10
71 seq 10 -1 1
72 seq 20 -2 0
73 seq -s " " 10
74 seq -s " " 5 10
75 seq -s 5 10
76 seq -s " " 5 3 50
77 rev <<< Linux
78 history
79 seq 1 10
80 date --date "2 years ago"
81 sudo apt install ncal
82 echo $?
83 false
84 echo $?
85 ls
86 nano newfile
87 cd new
88 ls
89 mkdir new
90 cd new
91 mkdir new1 new2
92 ls
93 cd
94 cd -
95 mkdir -p d1/d2
96 ls
97 cd d1
98 ls
99 ls -l
100 cd ..
101 cd
102 ls -l
103 ls -a
104 ls -R
105 nano demo
106 wc demo
```

```
107 touch newfile.txt
108 nano newfile.txt
109 cat newfile.txt
110 cat newfile.txt > output.txt
111 cat output.txt
112 cat -n demo
113 ls
114 mkdir training
115 cp newfile output.txt training
116 cd training
117 ls
118 cd
119 ls
120 ls -R
121 cp -r new training
122 ls
123 cd training
124 ls
125 cd new
126 ls
127 cd
128 mv output.txt out
129 ls
130 mv out training
131 ls
132 cd training
133 ls
134 vi sum.c
135 gcc sum.c && ./a.out
136 sudo apt install update
137 sudo apt install gcc
138 gcc ifelse.c
139 cd notchupfy26
140 cd notchupJul25
141 gcc ifelse.c
142 gcc 1darray.c
143 cd ..
144 gcc 1darray.c
145 ./a.out
146 sudo apt install update
147 sudo apt update
148 sudo apt upgrade
149 sudo apt install build-essential
150 exit
151 echo $SHELL
152 whoami
153 whatis cat
154 whatis gcc
155 whereis cat
156 whereis gcc
157 info cat
158 sudo apt update
159 sudo apt upgrade
```

```
160 sudo apt install build-essential
161 sudo apt install build-essential
162 sudo apt install gcc
163 sudo apt install g++
164 date; uname -r; whoami
165 date; unam -r; whoami
166 date && whoami
167 dat && whoami
168 date
169 date "+%D"
170 date "+%D %T"
171 date "%Y - %m - %d"
172 date "+%Y - %m - %d"
173 date "+%Y/%m/%d"
174 date "+%d/%m/%Y"
175 date "+%A %B %d %y %T"
176 date "+%A %B %d %Y %T"
177 info date
178 date --date "tomorrow"
179 date --date "2 years ago"
180 cal
181 cal 10 2025
182 cal 2025
183 cal -3
184 cal -5
185 bc
186 bc <<< "12/5"
187 bc <<< "scale=2; 12/5"
188 bc <<< "2>3"
189 bc <<< "2^10"
190 uname -o
191 uname -i
192 uname -n
193 uname -v
194 uname -s
195 uname -m
196 uname -r
197 uname -a
198 echo "Welcome to Linux Training"
199 echo -e "Hello \t World"
200 echo -n "Hello world"
201 echo "Welcome to \"Linux Training\""
202 echo "date"
203 echo date
204 echo `date`
205 echo "welcome to
206 Linux
207 Training"
208 echo "Welcome to
209 \"Linux\"
210 Training"
211 seq 1 10
212 seq 1 3 10
```

```
213 seq 10 -1 1
214 seq 20 -2 1
215 seq -s " " 10
216 seq -s " " 5 10
217 seq -s " " 5 3 15
218 rev <<< linux training
219 rev <<< linux
220 history
221 history 10
222 seq 1 3 10
223 date --date "2 years ago"
224 echo $?
225 unam -r
226 echo $?
227 date
228 echo $?
229 man cat
230 nano test
231 ls
232 cd training
233 ls
234 cd new
235 cd ..
236 cd new
237 cd
238 cd -
239 cd
240 pwd
241 cd -
242 pwd
243 cd
244 mkdir stepin
245 cd stepin
246 mkdir sdlc git linux
247 ls
248 cd sdlc
249 mkdir -p models/agile
250 ls
251 cd models
252 ls
253 cd
254 ls
255 ls -l
256 ls -a
257 ls -R
258 cd stepin
259 ls -R
260 cd agile
261 cd sdlc
262 cd models
263 cd agile
264 nano cicd
265 wc cicd
```

```
266 wc this is day 2 of the training
267 wc
268 wc
269 wc
270 touch newfile.txt
271 ls
272 nano newfile.txt
273 cat newfile.txt
274 cat cicd
275 cat cicd > new.txt
276 cat new.txt
277 cat newfile.txt >> new.txt
278 cat new.txt
279 cat cicd > new.txt
280 cat new.txt
281 cat -n cicd
282 tac cicd
283 cd ..
284 ls
285 cd ..
286 cd
287 ls
288 cp demo newfile stepin
289 ls
290 cd stepin
291 ls
292 cp -r training stepin
293 cd
294 cp -r training stepin
295 cd stepin
296 ls
297 cd
298 ls
299 cd stepin
300 ls
301 mv newfile git
302 ls
303 cd git
304 ls
305 mv newfile Day2
306 ls
307 rm Day2
308 ls
309 cd
310 ls
311 rm n*
312 ls
313 rmdir new
314 cd new
315 ls
316 cd
317 rm -r new
```

318 ls

319 history