```
 1 data
 2 ls
 3 pwd
 4 ls
 5 ls -l
 6 echo
 7 echo "Hello Linux" .myfile.txt
 8 history
 9 echo 'export PS1="\Mounashree@\localhost:\home\$ "
10 $history
11 vfsync
12 export PS1="Mounashree@localhost:\W\$ "
13 data
14 bc
15 vfsync
16 export PS1="Mounashree@localhost:\w\$"
17 pwd
18 ls
19 ls -l
20 ls -a
21 cd dir
22 mkdir test
23 rmdir test
24 touch file
25 cp file1 file2
26 mv file1 file2
27 rmfile
28 echo "hello linux" >file.txt
29 cat file.txt
30 head -n 5 file.txt
```

```
31 tail -n 5 file.txt
32 whoami
33 id
34 uname -a
35 df -h
36 uptime
37 date
38 clear
39 history
40 echo $SHELL
41 printenv SHELL
42 whatis echo
43 whatis printenv
44 whatis whoami
45 whatis cat
46 whereis cat
47 whereis gcc
48 info cat
49 date"+%D"
50 date"+%D%T"
51 date"+%Y-%m-%d"
52 date"+%Y/%m/%d"
53 date"+%A%B%d%Y%T"
54 date --date"tommorrow"
55 date --date"2 years ago"
56 man date
57 cal
58 cal 7 2025
59 cal 5 2025
60 cal 2025
```

```
61 cal -3 2025
62 cal -3
63 ps
64 export PS1="Mounashree@localhost:\w\$"
65 SHELL
66 printenv SHELL
67 whatis echo
68 whatis printenv
69 whatis whoami
70 whatis cat
71 whereis cat
72 whereis gcc
73 info cat
74 date"+%D"
75 date"+%D%T"
76 date"+%Y-%m-%d"
77 date"+%Y/%m/%d"
78 date"+%A%B%d%Y%T"
79 date --date"tomorrow"
80 date --date"2 years ago"
81 man date
82 clear
83 cal
84 cal 7 2025
85 cal 5 2025
86 cal 2025
87 cal -3 2025
88 cal -3
89 claer
90 ps
```

```
 91 export PS1="Mounashree@localhost:\w\$"
 92 uname
 93 uname-o
 94 uname -i
 95 uname -n
 96 uname -v
 97 uname -s
 98 uname -m
 99 uname -r
100 uname -a
101 echo"welcome to linux"
102 echo -e"hello \tWorld"
103 echo -n"hello"
104 echo"welcome to \"linux\""
105 echo date
106 echo "this is
107 linux
108 training
109 for
110 notchup
111 july 2025"
112 echo"this is linu training for notchup july 2025"
113 printf"linux training"
114 printf"linux training\n"
115 printf"my shell is %s\n" $SHELL
116 history
117 seq 1 10
118 seq 1 3 10
119 seq 10-1 1
120 seq 20 -20
```

```
121 seq -s""10
122 seq -s""5 10
123 seq -s 5 10
124 seq -s""5 3 50
125 rev<<Linux
126 jk
127 hjuh
128 tyuu
129 gtyuguy
130 fytry6tu7yui
131 serdrdtrfdtfdytf76t76y87y
132 seq 1 10
133 seq 1 3 10
134 seq 10 -1 1
135 seq 20 -2 0
136 seq-s""10
137 seq -s""5 10
138 seq -s "" 5 3 50
139 se1 1 10
140 sudo apt install ncal
141 echo $
142 echo $?
143 false
144 ls
145 mkdir new
146 mkdir new1 new2
147 ls
148 mkdir new1 new2
149 ls
150 mkdir -p d1/d2
```

```
151 ls
152 ls -l
153 ls -a
154 ls -R
155 history
156 nano demo
157 wc demo
158 cd
159 cd ...
160 cd d1
161 cd -
162 cd
163 touch newfile.txt
164 cat newfile.txt
165 cat newfile.txt>output
166 cat output.txt
167 cat -n demo
168 ls
169 mkdir training
170 cp nwefile output.txt training
171 cd training
172 ls
173 cd
174 ls
175 ls -R
176 cp -r new training
177 ls
178 cd new
179 mv output.txt out
180 mv out training
```

```
181 vi sum.c
182 history
183 sudo apt install update
184 sudo apt install gcc
185 cd notchupfy26
186 cd notchupjul25
187 gcc ifelse.c
188 gcc 1darray.c
189 ./a.out
190 sudo apt upgrade
191 sudo apt install g++
192 date;uname -r;whomi
193 date;unam-r;whoami
194 date&&whoami
195 dat&&whoami
196 date
197 info date
198 pwd
199 mkdir stepin
200 cd stepin
201 mkdir sdlc git linux
202 ls
203 mkdir -p modules/agil
204 ls
205 cd modules
206 cd agile
207 history
208 cat newfile.txt
209 cat cicd
210 cat new.txt
```

```
211 cat cicd>new.txt
212 cp demo newfile stepin
213 rm day2
214 rm n*
215 rmdir new
216 cd new
217 ls
218 cd
219 rm -r new
220 less filecmd
221 head filecmd
222 head -n 5 filecmd
223 tail filecmd
224 tail +5 filecmd
225 cat sample.txt
226 cut -c 1-3 sample.txt
227 cut -c 4-10 sample.txt
228 cat sample.txt
229 cut -d':' -f2 sample.txt
230 cut -d ':' -f2,3 sample.txt
231 ls
232 cat demo
233 cat f1
234 cat f2
235 paste f1 f2
236 paste -d':' f1f2
237 paste-sf1f2
238 cat sample.txt
239 sort -t':'-k2 sample.txt
240 sort -t':'-k3 sample.txt
```

```
241 sort -t : -k4 sample.txt
242 sort -t':'-k3 sample.txt
243 cat sample.txt
244 tr':'< sample.txt
245 ls
246 pwd
247 cd
248 cd-r
249 cdp-a
250 tr':''|'<sample.txt>s1.txt
251 ls
252 cat s1.txt
253 tr':0''|'<sample.txt
254 tr-s')'<sample.txt
255 tr -d'O'<sample.txt
256 cat example.txt
257 uniq example.txt
258 ls
259 cat sample.txt
260 ls
261 cat s1.txt
262 cmp sample.txt s1.txt
263 diff sample.txt s1.txt
264 cat test.c
265 grep main test.c
266 grep ^int test.c
267 grep\;test.c
268 cat test.c
269 grep^int test.c
270 cat sed_test
```

```
271 sad's/hello/hi/'sed_test
272 cat sed_test
273 sed's/!/$/g' sed_test
274 sed'/simple/d'sed_test
275 sed'/hi/a welcome to sed'sed_test
276 sed -n'/hi/p'sed_test
277 cat employees.txt
278 awk'{print$0}'emploees.txt
279 awk'{print $1,$3}'employees.txt
280 awk$3>50000'{print$1,$3}'employees.txt
281 awk'$3>50000{print$1,$3}'employees.txt
282 awk'begin{print"name:,Salary:"}{print $1,$3}'employees.txt
283 awk'BEGIN{print"name salary"}{print $1,$3}'employees.txt
284 awk '{total+=$3}END{print"total salary=",total}'employees.txt
285 awk'{print$0}'employees.txt
286 awk'{print NR,$1}'employees.txt
287 awk'{print NR,$0}'employees.txt
288 awk'/Alice/'employees.txt
289 awk'$2<30{print$1,$2}'employees.txt
290 awk'{printf"name:%s,Age:%d,salary:%d\n",$1,$2,$3}'employees.txt
291 awk'END{print"total employees=",NR}'employees.txt
292 ls -l
293 ls-l s1.txt
294 chmod u+xs1.txt
295 ls -l s1.txt
296 chmod o-r s1.txt
297 ls -l s1.txt
298 chmod 462 s1.txt
299 ls -l s1.txt
300 history
```