

```
sakshikamate@Sakshi: ~  
sakshikamate@Sakshi:~$ bc <<<"scale=2; 12/5"  
2.40  
sakshikamate@Sakshi:~$ bc <<<"scale=4; 10/3"  
3.3333  
sakshikamate@Sakshi:~$ bc <<<"2>5"  
0  
sakshikamate@Sakshi:~$ bc <<< "2^10"  
1024  
sakshikamate@Sakshi:~$ bc <<<"5>2"  
1  
sakshikamate@Sakshi:~$ uname  
Linux  
sakshikamate@Sakshi:~$ uname -o  
GNU/Linux  
sakshikamate@Sakshi:~$ uname -i  
x86_64  
sakshikamate@Sakshi:~$ uname -n  
Sakshi  
sakshikamate@Sakshi:~$ uname -v  
#1 SMP PREEMPT_DYNAMIC Thu Jun 5 18:30:46 UTC 2025  
sakshikamate@Sakshi:~$ uname -s  
Linux  
sakshikamate@Sakshi:~$ uname -m  
x86_64  
sakshikamate@Sakshi:~$ uname -r  
6.6.87.2-microsoft-standard-WSL2  
sakshikamate@Sakshi:~$ uname -a  
Linux Sakshi 6.6.87.2-microsoft-standard-WSL2 #1 SMP PREEMPT_DYNAMIC Thu Jun 5 18:30:46 UTC 2025 x86_64 x86_64 x86_64 GNU/Linux  
sakshikamate@Sakshi:~$ echo "Welcome to Linux"  
Welcome to Linux  
sakshikamate@Sakshi:~$ echo -e "Hello \t World"  
Hello    World  
sakshikamate@Sakshi:~$ echo -n "Hello World"  
Hello World  
sakshikamate@Sakshi:~$ echo "Welcome to \"Linux\""  
Welcome to "Linux"  
sakshikamate@Sakshi:~$ |
```

```
sakshikamate@Sakshi: ~  
sakshikamate@Sakshi:~$ history  
1 sudo apt update  
2 sudo apt upgrade -y  
3 sudo apt install gedit -y  
4 date  
5 bc  
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 sudo apt install build-essential  
18 sudo apt install g++  
19 date  
20 date "+%D"  
21 date "+%D %T"  
22 date "+Y-%m-%d"  
23 date "+%Y-%m-%d"  
24 date "+%Y/%m/%d"  
25 date "+%A%B%d%Y%T"  
26 date "+%A %B %d %Y %T"  
27 date --date "tomorrow"  
28 date --date "yesterday"  
29 date --date "2 years ago"  
30 man date  
31 whatis man  
32 cal  
33 sudo apt install ncal  
34 cal  
35 cal 7 2025  
36 cal 3 2025  
37 cal 12 2025  
38 cal 2025  
39 cal -3 2025
```

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```
40 cal -3
41 cal -2
42 ps
43 exit
44 bc
45 whatis bc
46 bc <<< "12/5"
47 bc <<<"scale=2; 12/5"
48 bc <<<"scale=4; 10/3"
49 bc <<<"2>5"
50 bc <<< "2^10"
51 bc <<<"5>2"
52 uname
53 uname -o
54 uname -i
55 uname -n
56 uname -v
57 uname -s
58 uname -m
59 uname -r
60 uname -a
61 echo "Welcome to Linux"
62 echo -e "Hello \t World"
63 echo -n "Hello World"
64 echo "Welcome to \"Linux\""
65 echo `date`
66 echo "This is
67 Linux
68 Training
69 for
70 July 2025"
71 echo "This is linux training"
72 printf"Linux Training"
73 printf "Linux Training"
74 printf "Linux Training\n"
75 printf "My shell is %s\n" $SHELL
76 seq 1 10
77 seq 1 3 10
78 seq 10 -1 1
79 seq 20 -2 0
```

```
sakshikamate@Sakshi: ~  
80 seq -s "" 10  
81 seq -s " " 10  
82 seq -s " " 5 10  
83 seq -s 5 10  
84 seq -s " " 5 10  
85 seq -s " " 5 3 50  
86 rev <<<Linux  
87 rev <<< Linux training  
88 rev <<< Linux-training  
89 seq 1 10  
90 echo $?  
91 ls  
92 mkdir new  
93 cd new  
94 mkdir new1 new2  
95 ls  
96 cd  
97 nano newfilw  
98 mkdir -p d1/d2  
99 ls  
100 cd d1  
101 ls  
102 ls -l  
103 ls -a  
104 ls -R  
105 nano demo  
106 wc demo  
107 cd  
108 touch newfile.txt  
109 nano newfile.txt  
110 cat newfile.txt  
111 cat newfile.txt>output.txt  
112 cat output.txt  
113 cat -n demo  
114 ls  
115 mkdir training  
116 cp newfile output.txt trainig  
117 cp newfile output.txt training  
118 cd training  
119 ls
```

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```
120 cd
121 la
122 ls
123 ls -R
124 cp -r new training
125 ls
126 cd training
127 ls
128 cd new
129 ls
130 cd
131 mv output.txt out
132 ls
133 mv out training
134 ls
135 cd training
136 ls
137 vi sum.c
138 cd training
139 ls
140 gcc ifelse.c
141 cd notchupJul25
142 cd..
143 cd ..
144 date;uname -r ;whoami
145 date;unam -r ; whoami
146 date && whoami
147 dat && whoami
148 info date
149 history 10
150 pwd
151 mkdir stepin
152 cd stepin
153 mkdir sdlc git linux
154 ls
155 cd sdlc
156 mkdir -p models/agile
157 ls
158 cd models
159 ls
```

```
sakshikamate@Sakshi: ~  
160 cd  
161 ls  
162 ls -l  
163 ls -a  
164 ls -R  
165 cd stepin  
166 ls -R  
167 cd agile  
168 cd sdlc  
169 cd models  
170 cd agile  
171 nano cicd  
172 wc cicd  
173 wc this is day 2 of the training  
174 wc  
175 touch newfile.txt  
176 ls  
177 nano newfile.txt  
178 cat newfile.txt  
179 cat cicd  
180 cat cicd>new.txt  
181 cat new.txt  
182 cat newfile.txt>>new.txt  
183 cat new.txt  
184 cat cicd>new.txt  
185 cat new.txt  
186 cat -n cicd  
187 tac cicd  
188 cd..  
189 ls  
190 cd ..  
191 ls  
192 cd ..  
193 cd  
194 ls  
195 cp demo newfile stepin  
196 ls  
197 cd stepin  
198 ls  
199 cp -r training stepin
```

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```
198 ls
199 cp -r training stepin
200 cd
201 cp -r training stepin
202 cd stepin
203 ls
204 cd
205 ls
206 cd stepin
207 ls
208 mv newfile git
209 ls
210 cd git
211 ls
212 mv newfile Day2
213 ls
214 rm Day2
215 ls
216 cd
217 ls
218 rm *n
219 ls
220 rmdir new
221 cd new
222 ls
223 cd
224 rm -r new
225 ls
226 history
```

sakshikamate@Sakshi:~\$ |