

surekha@DESKTOP-NVDBJ8P: ~

surekha@DESKTOP-NVDBJ8P:~\$ history


```
1  date
2  bc
3  sudo apt update
4  sudo apt upgrade
5  echo $shell
6  printenv shell
7  echo shell
8  printenv shell
9  history
10 echo $SHELL
11 printenv SHELL
12 whatis echo
13 whatis printenv
14 what is cat
15 whatis cat
16 sudo apt install gcc
17 sudo apt install build-essesntial
18 ps
19 july 2025
20 july 2025"
21 uit
22 quit
23 "
24 date --date "2 years ago"
25 sudo apt install ncal
26 nano demo
27 sudo apt install gcc
28 sudo apt install g++
29 sudo apt autoremove
30 sudo apt install man
31 Y
32 sudo apt install man
33 dpkg -l
34 vi sum.c
35 nano run_commands.sh
36 chmod +x run_commands.sh
37 ./run_commands.sh
38 rm .sum.c.swp
39 vi sum.c
40 gcc sum.c -o sum
41 ./sum
42 vi filecmd
43 bash filecmd
44 cat filecmd
45 cat sum.c
46 gcc sum.c
47 ./a.out
48 gcc sum.c && ./a.out
49 ls
```

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```
50 more filecmd
51 nano filecmd
52 bash filecmd
53 more filecmd
54 less filecmd
55 head filecmd
56 head -n 5 filecmd
57 tail filecmd
58 tail +5 filecmd
59 nano sample.txt
60 cat sample.txt
61 cut -c 1-3 sample.txt
62 cut -c 1-3 sample.txt
63 cut -c 4-10 sample.txt
64 cat sample.txt
65 cut -d ':' -f2 sample.txt
66 cut -d ':' -f2 sample.txt
67 cut -d ':' -f2,3 sample.txt
68 ls
69 cat demo
70 nano demo
71 cat demo
72 nano f1
73 cat f1
74 nano f2
75 cat f2
76 HR
77 Sales
78 IT
79 Marketing
80 Finance
81 paste f1 f2
82 HR
83 Sales
84 IT
85 Marketing
86 Finance
87 paste -d ':' f1 f2
88 paste -s f1 f2
89 cat sample.txt
90 sort sample.txt
91 sort sample.txt -r
92 sort -t ':' -k2 sample.txt
93 sort -t ':' -k3 sample.txt
94 sort -t ':' -k4 sample.txt
95 sort -t ':' -k3 sample.txt -r
96 cat sample.txt
97 tr ':' '|' <sample.txt> s1.txt
98 ls
99 cat s1.txt
```

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```
100 tr ':0' '|' < sample.txt
101 cat sample.txt
102 tr -s '0' < sample.txt
103 cat sample.txt
104 tr -d '0' < sample.txt
105 nano example.txt
106 cat example.txt
107 uniq example.txt
108 ls
109 cat sample.txt
110 cat s1.txt
111 cmp sample.txt s1.txt
112 diff sample.txt s1.txt
113 ls
114 nano test.c
115 cat test.c
116 grep main test.c
117 grep ^main test.c
118 grep ^int test.c
119 grep \; test.c
120 nano sed_test
121 cat sed_test
122 sed 's/Hello/Hi/' sed_test
123 cat sed_test
124 sed -i 's/Hello/Hi/' sed_test
125 cat sed_test
126 sed 's/!/$/g' sed_test
127 cat sed_test
128 sed '/simple/d' sed_test
129 cat sed_test
130 sed '/Hi/a Welcome to sed' sed_test
131 sed -n '/Hi/p' sed_test
132 nano employees.txt
133 cat employees.txt
134 awk '{print $0}' employees.txt
135 awk '{print $1, $3}' employees.txt
136 awk '$3>50000 '{print $1, $3}' employees.txt
137 awk '$3 > 50000 {print $1, $3}' employees.txt
138 awk 'BEGIN {print "Name:, Salary: "} {print $1, $3}' employees.txt
139 awk 'BEGIN {print "Name Salary"} {print $1, $3}' employees.txt
140 awk 'BEGIN {print "Name Age Salary"} {print $1, $2, $3}' employees.txt
141 awk '{total+= $3} END {print "Total Salary=", total}' employees.txt
142 awk '{print $0}' employees.txt
143 awk '{print NR, $1}' employees.txt
144 awk '{print NR, $0}' employees.txt
145 awk '/Alice/' employees.txt
146 awk '$2 < 30 {print $1, $2}' employees.txt
147 awk '{printf "Name: %s, Age: %d, Salary: %d\n", $1, $2, $3}' employees.txt
148 awk 'END {print "Total employees= ", NR}' employees.txt
149 ls -l
```

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```
150 ls -l s1.txt
151 chmod u+x s1.txt
152 ls -l s1.txt
153 chmod o-r s1.txt
154 ls -l s1.txt
155 chmod 462 s1.txt
156 ls -l s1.txt
157 history
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```