```
localhost:~# history
    0  date
    1  bc
    2  sudo apt update
    3  sudo apt upgrade
    4  clear
    5  echo $SHELL
    6  printenv SHELL
    7  whoami
    8  whatis echo
    9  whatis printenv
   10  whatis whoami
   11  whatis cat
   12  whereis cat
   13  whereis gcc
   14  info cat
   15  sudo apt install build-essential
   16  date
   17  dae"+%D"
   18  dae"+%D%T"
   19  date"+%Y-%m-%d"
   20  date"+%Y/%m/%d"
   21  date"+%A%B%d%Y%T"
   22  date --date"tomorrow"
   23  date --date"2 years ago"
   24  man date
   25  clear
   26  cal
   27  cal 7 2025
```

```
28 cal 10 2025
29 cal 1 2025
30 cal -3 2025
31 cal -3
32 cal -2
33 clear
34 ps
35 exit
36 bc
37 bc <<<"12/5"
38 bc <<<"scale=2:12/5"
39 bc <<<"2^5"
40 bc <<< "2>10"
41 uname
42 unmae -o
43 uname -i
44 uname -n
45 uname -v
46 uname -s
47 uname -m
48 uname -r
49 uname -a
50 echo "hii"
51 unmae -o
52 uname -i
53 uname -n
54 uname -v
55 uname -s
56 uname -m
57 uname -r
```

```
59 echo "hii"
60 echo -e"hello \t world"
61 echo -e "hello \t world"
62 echo "welcome to linux"
63 echo "date"
64 echo date
65 echo "this is
66 linux
67 training
68 for
69 Notchup"
70 echo "this is linux training for notchup july 2025"
71 printf"linux training"
72 seq 1 10
73 seq 1 20
74 seq 1 5 20
75 seq 1 3 10
76 seq 10 -1 1
77 seq 20 -2 0
78 seq -s " "10
79 seq -s""10
80 seq -s 5 10
81 seq -s 5 3 50
82 rev <<< linux
83 rev<<<linux
84 hisory
85 history
86 false
87 mkdir new
88 cd new
```

```
 89 echo hii
 90 ls
 91 mkdir new1 new2
 92 ls
 93 cd
 94 cd .
 95 mkdir -p d1/d2
 96 ls
 97 cd
 98 ls -a
 99 ls -R
100 nano demo
101 touch newfile.txt
102 nano newfile.txt
103 cat newfile.txt
104 cat newfile.txt>output.txt
105 cat output.txt
106 cat -n demo
107 ls
108 mkdir training
109 cp newfile output.txt training
110 cd training
111 ls
112 cd
113 vi sum.c
114 gcc sum.c&&./a.out
115 sudo apt install update
116 sudo apt install gcc
117 gcc ifelse.c
118 cd notchupfy26
```

```
119  cd notchupjul25
120  gcc 1darray.c
121  cd ..
122  ./a.out
123  exit
124  sudo apt install build-essential
125  sudo apt install
126  sudo apt install g++
127  date:unmae -r:whoami
128  date&&whoami
129  date
130  info date
131  pwd
132  cd
133  pwd
134  ls
135  cat cicd
136  cat cicd>new.txt
137  cat new.txt
138  cat newfile.txt>>new.txt
139  cat -n cicds
140  cp demo newfile stepin
141  ls
142  cp -training stepin
143  cd stepin
144  ls
145  cd git
146  ls
147  mv newfile day2
148  ls
```

```
148 ls
149 rm day2
150 ls
151 cd
152 ls
153 rmdir new
154 cd new
155 ls
156 cd
157 rm -r new
158 ls
159 history
160 cd -
161 pwd
162 cd -
163 mkdir stepin
164 cd stepin
165 mkdir -p models/agile
166 ls
167 cd models
168 ls
169 cd
170 ls -l
171 ls -a
172 ls -r
173 cd stepin
174 ls -r
175 ls
176 history
localhost:~/stepin#
```