```
1 sudo apt update
2 sudo apt install -y bulid-essential linux-headers-$(uname-r)
3 sudo apt update
4 sudo apt install -y build-essential linux-headers-$(uname -r)
5 ls
6 ./autorun.sh
7 mkdir mydir
8 pwd
9 ls
10 rm
11 rm --help
12 rm mydir
13 mkdir
14 mkdir mydir
15 ls
16 cd /
17 cd bin
18 ls
19 cd /
20 mkdir game
21 mkdir ed
22 /
23 mkdir hai
24 cd /
25 pwd
26 mkdir mydir
27 touch part1
28 touch all the best for linux operating system exam
```

```
29 touch history.txt
30 history 5
31 file /mnt
32 file /etc/passwd
33 file /opt
34 mkdir college
35 pwd
36 rmdir
37 sudo apt install gcc
38 gcc --version
39 uname
40 uname -a
41 sudo apt update && sudo apt upgrade -y
42 sudo apt install git build-essential libopencv-dev -y
43 cd AddressBook_Project
44 cd Home/Downloads/AddressBook_Project
45 cd AddressBook_Project
46 ls
47 cd downloads
48 cd Downloads
49 ls
50 cd AddressBook_Project
51 ls
52 vi contact.c
53 cd Downloads
54 ls
55 vi contact.h
56 ls
57 cd Downloads
```

```
58 ls
59 cd Downloads
60 ls
61 sudo apt install ./code_1.98.2-1741788907_amd64.deb -y
62 cd Downloads
63 ls
64 sudo dpkg -i code_1.98.2-1741788907_amd64.deb
65 ls
66 pwd
67 mkdir stepin
68 cd stepin
69 rmdir stepin
70 ls
71 rmdir stepin
72 cd ..
73 rmdir stepin
74 mkdir stepin
75 cd stepin
76 cp first.txt second.txt
77 date
78 bc
79 sudo apt upgrade
80 date
81 sudo apt update
82 sudo apt upgrade
83 clear
84 echo $SHELL
85 printenv SHELL
86 whoami
```

87 whatis echo
88 whatis printenv
89 whereis cat
90 whereis gcc
91 info cat
92 sudo apt install gcc
93 date
94 date "+%D"
95 date "+%D%T"
96 date "+%Y-%m-%d"
97 history
98 date "+%Y/%m/%d"
99 date "+%A %B %d %Y %T"
100 date --date "tomorrow"
101 date --date"2 years ago"
102 man date
103 clear
104 cal
105 sudo apt install ncal
106 cal
107 cal 7 2025
108 cal 5 2025
109 cal 2025
110 cal -3 2025
111 cal -3
112 clear
113 ps
114 exit
115 bc

```
116 bc <<<"12/5"
117 bc <<<"scale=2;12/5"
118 bc <<<"2>5"
119 bc<<<"2^5"
120 uname
121 uname -o
122 uname -i
123 uname -n
124 uname -v
125 uname -s
126 uname -m
127 uname -r
128 uname -a
129 echo "welcome to linux"
130 echo -e"hello \t world"
131 echo -e "hello\tworld
linux"
132 echo -n "hello world"
133 echo "welcome to \"linux\""
134 echo `date`
135 echo "this is
linux
training for
notchup
july 2025"
136 echo "this is linux training"
137 printf "linux"
138 printf "linux training\n"
139 printf "my shell is %s\n"$SHELL
```

```
140 seq 1 10
141 seq 1 3 10
142 seq 10 -1 1
143 seq 2o -2 0
144 seq 20 -2 0
145 seq -s " " 10
146 rev<<<linux training
147 rev <<< linux
148 history 10
149 sew 1 3 10
150 nano test
151 ls
152 cd stepin
153 ls
154 cd ..
155 cd new
156 pwd
157 cd
158 mkdir taining
159 mkdir training
160 cd training
161 mkdir sdlc git linux
162 ls
163 cd sdlc
164 mkdir -p models/agile
165 ls
166 cd sdlc
167 cd models
168 ls
```

169 cd
170 ls
171 ls -l
172 ls -a
173 ls -R
174 cd agile
175 cd sdlc
176 cd training
177 ls -R
178 cd sdlc
179 cd models
180 cd agile
181 nano cicd
182 wc
183 touch newfile.txt
184 ls
185 nano newfile.txt
186 cat newfile.txt
187 cat newfile.txt>>new.txt
188 cat new.txt
189 cat cicd>new.txt
190 cat -n cicd
191 tac cicd
192 cd ..
193 cd
194 ls
195 cp demo newfile stepin
196 history
197 history > command.txt