# Linux commands and fundamentals:---

rps@rps-virtual-machine:~/Desktop$ history

1 sudo apt update

2 sudo nano /etc/resolv.conf

3 sudo apt update

4 sudo apt upgrade

5 sudo apt install gcc++

6 sudo apt install gcc

7 sudo apt install build-essentials

8 sudo apt install build-essential

9 sudo apt install gdb

10 init 0

11 gcc --version

12 cd "/home/rps/Desktop/C Demo/" && gcc first.c -o first && "/home/rps/Desktop/C Demo/"first

13 sudo su

14 tar xvfz node\_exporter-1.7.0.linux-amd64.tar.gz

15 cd node\_exporter-1.7.0.linux-amd64/

16 sudo mv node\_exporter /usr/local/bin/

17 sudo tee /etc/systemd/system/node\_exporter.service<<EOF

18 [Unit]

19 Description=Node Exporter

20 After=network.target

21

22 [Service]

23 User=rps

24 Group=rps

25 Type=simple

26 ExecStart=/usr/local/bin/node\_exporter

27

28 [Install]

29 WantedBy=multi-user.target

30 EOF

31 sudo systemctl daemon-reload

32 sudo systemctl start node\_exporter

33 sudo systemctl enable node\_exporter

34 sudo systemctl status node\_exporter

35 sudo apt install gcc

36 sudo apt install git

37 sudo apt install make

38 sudo apt install vim

39 sudo apt install g++

40 sudo apt install gedit

41 sudo apt install cmake

42 sudo apt install g++

43 cd

44 sudo apt update -y

45 sudo apt install mysql-server

46 sudo systemctl status mysql.service

47 sudo mysql

48 sudo mysql\_secure\_installation

49 sudo mysql

50 sudo mysql\_secure\_installation

51 sudo mysql -u root -p

52 sudo snap install mysql-workbench-community

53 cd

54 java -version

55 java --version

56 java --V

57 java -vesion

58 cd

59 sudo apt install gnome-shell-extension-manager -y

60 sudo chmod o-x /sbin/shutdown

61 sudo chmod o-x /sbin/reboot

62 init 0

63 init 6

64 java -version

65 sudo apt update

66 java -version

67 sudo apt install default-jre

68 java -version

69 sudo apt install default-jdk

70 javac -version

71 sudo snap install --classic eclipse

72 sudo apt update

73 sudo apt install default-jre

74 eclipse

75 sudo snap install intellij-idea-community --classic

76 sudo init 0

77 sudo bash install.sh

78 sudo apt --fix-broken install

79 sudo bash install.sh

80 cd

81 sudo apt install git -y

82 sudo init 0

83 sudo service oracle-xe start

84 ls

85 ls /Desktop

86 cd Desktop

87 cd ..

88 cd Desktop

89 pwd

90 mkdir test

91 rmdir test

92 touch file1.txt

93 gzip file1.txt

94 rm file1

95 rm file1.txt.gz

96 cd ..

97 cd Desktop

98 touch file1

99 rm file1

100 touch file1.txt

101 vim file1.txt

102 sort file1.txt

103 sort -r file1.txt

104 vim file1.txt

105 sort -r file1.txt

106 man sort

107 uniq file1.txt

108 vim file1.txt

109 uniq -u file1.txt

110 sort file1.txt | uniq -u

111 sort file1.txt | uniq -d

112 sort file1.txt | uniq -c | sort -nr

113 vim file2.txt

114 diff file1.txt file2.txt

115 echo "hello"

116 echo "hello" file3.txt

117 echo "The path variable is $PATH"

118 echo \*

119 echo f\*

120 echo a\*

121 echo `

echo $(ls -al)

`

122 echo {1..10}

123 chown x file1.txt

124 chown rps file1.txt

125 ls -al

126 chmod a+r file1.txt

127 ls -al

128 umask

129 umask -s

130 umask -S

131 du

132 du \*

133 du -h

134 du -h Desktop | sort -nr

135 cd..

136 cd ..

137 du -h Desktop | sort -nr

138 cd Desktop

139 df

140 df -h

141 df dev

142 basename file1.txt

143 dirname file1.txt

144 cd ..

145 dirname Desktop/file1.txt

146 cd Desktop

147 ps

148 ps ax

149 type ls

150 type cat

151 type pwd

152 type top

153 which ls

154 which docker

155 who

156 who am i

157 ping google.com

158 traceroute google.com

159 clear

160 history

161 crontab -l

162 uname

163 uname -mp

164 uname -srv

165 uname -n

166 uname -a

167 printenv PATH

168 history