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Linux Commands and fundamentals.

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 -1

86 ls-a

87 ls -a

88 history

89 clear

90 history

91 clear

92 history

93 ls -lh

94 ls -ls

95 ls -lstr

96 ls /bin

97 clear

98 mkdir fruits

99 cd fruits

100 cd ..

101 mkdir cars

102 cd fruits

103 cd ../cars

104 cd ..

105 cd /etc

106 cd..

107 cd ..

108 pwd

109 cd fruits

110 cd cars

111 clear

112 mkdir fruits

113 cd fruits

114 cd..

115 cd ..

116 pwd

117 cd fruits

118 pwd

119 cd ..

120 mkdir dogs cats

121 mkdir -p fruits/apples

122 cd apples

123 cd fruits

124 cd apples

125 cd ..

126 rmdir cars

127 rm -rf fruits

128 touch pear

129 touch apple

130 mkdir fruits

131 mv pear apple fruits

132 cd fruits

133 ls

134 cd ..

135 mv apple apples

136 touch one

137 mv one two

138 touch fruits

139 mv fruits fruit

140 cp -r fruit cars

141 cd fruit

142 ls

143 cd ..

144 cd cars

145 ls

146 cd ..

147 open fruit

148 find . -fruit apple

149 cd fruit

150 find . -apple

151 find . -fruit apple

152 find fruit -name apple

153 find fruit -name apple.txt

154 find -nmae apple.txt

155 clear

156 gzip -1 cars

157 cd ..

158 gzip -1 cars

159 cd fruit

160 gzip -1 apple

161 gunzip apple.gz

162 tar tf archive.tar

163 tar -tf archive.tar

164 tar -cf archive.tar apple pear

165 ls

166 tar -tf archive.tar

167 tar -xf archive.tar

168 tar -tf archive.tar

169 alias ll='tar -tf archive.tar'

170 ll

171 cat apple

172 cat pear

173 cat apple pear

174 cat bird apple>pear

175 touch bird

176 cat bird apple>pear

177 cat bird

178 cat bird apple>>pear

179 cat bird

180 cat apple

181 less apple

182 tail -n 10 apple

183 tail -n +10 pear

184 tail -n +10 apple

185 tail -n 10 apple

186 tail -f /var/log/system.log

187 ls -al | wc

188 wc apple

189 wc -l apple

190 wc -w pear

191 wc -c pear

192 wc -m pear

193 history

194 clear

195 grep document.getElementById apple

196 grep document.getElementById index.md

197 grep document.getElementById apple.md

198 grep -n document.getElementById apple.md

199 grep -nC 2 document.getElementById apple.md

200 sort apple

201 sort -r apple

202 sort apple

203 sort -u apple

204 ls | sort

205 uniq apple

206 sort apples | uniq

207 sort apple | uniq

208 sort apple | uniq -d

209 sort apple | uniq -u

210 sort apple | uniq -c | sort -nr

211 diff apple pear

212 diff -y apple pear

213 echo "hello dp"

214 echo "bye">>pear

215 echo pear

216 echo "The path is $PATH"

217 echo " cost is \$56"

218 echo *

219 echo a*

220 echo ~

221 echo $(ls -al)

222 echo {1..4}

223 sudo touch tree.txtttttt

224 chown flavio:users apple

225 unmask

226 umask 002

227 du

228 du *

229 du -m

230 du -g

231 df

232 df -h

233 basename /rps/home/fruit/applee

234 dirname /rps/home/fruit/apple

235 ps

236 cd ..

237 ps

238 ps ax

239 clear

240 kill <PID>

241 kill -HUP <PID>

242 kill -INT <PID>

243 jobs

244 jobs -l

245 fg

246 type ls

247 type cat

248 type ll

249 type bg

250 type pwd

251 type top

252 which ls

253 which fruit

254 testing ls

255 cd fruit

256 testing cat apple

257 testing cat apple | xargs rm

258 vi apple

259 whoami

260 who

261 who am i
262 sudo -i
263 passwd
264 history
265 clear
266 cd ..
267 ping google.com
268 clear
269 history | grep docker
270 export a="a"
271 uname
272 uname -mp
273 unmae -srv
274 uname -srv
275 unmae -n
276 uname -n
277 uname -a
278 printenv PATH