

# WEEK 3

# UNIX LAB

NAME: KALIDINDI SRIDHAR VARMA

ROLL NO: 422165

SEC: A

2<sup>ND</sup> YEAR,B.TECH

grep command



Open

Numbers.txt

Tail.txt

cut.txt

paste.txt

grep.txt  
~/Desktop/scripts

sort.txt

uniq.txt

tr.txt

grep.txt

Names.txt

Ln 239, Col 8



```
1 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep --help
2 Usage: grep [OPTION]... PATTERN [FILE]...
3 Search for PATTERN in each FILE.
4 Example: grep -i 'hello world' menu.h main.c
5 PATTERN can contain multiple patterns separated by newlines.
6
7 Pattern selection and interpretation:
8   -E, --extended-regexp      PATTERN are extended regular expressions
9   -F, --fixed-strings        PATTERN are strings
10  -G, --basic-regexp         PATTERN are basic regular expressions
11  -P, --perl-regexp          PATTERN are Perl regular expressions
12  -e, --regexp=PATTERN      use PATTERN for matching
13  -f, --file=FILE            take PATTERN from FILE
14  -i, --ignore-case          ignore case distinctions in patterns and data
15  --no-ignore-case           do not ignore case distinctions (default)
16  -w, --word-regexp          match only whole words
17  -x, --line-regexp          match only whole lines
18  -z, --null-data            a data line ends in 0 byte, not newline
19
20 Miscellaneous:
21  -s, --no-messages          suppress error messages
22  -v, --invert-match         select non-matching lines
23  -V, --version              display version information and exit
24  --help                     display this help text and exit
25
26 Output control:
27  -m, --max-count=NUM        stop after NUM selected lines
28  -b, --byte-offset           print the byte offset with output lines
29  -n, --line-number           print line number with output lines
```



Search



ENG IN

21:32  
17-02-2024



Open



Numbers.txt

Tail.txt

cut.txt

paste.txt

grep.txt  
~/Desktop/scripts

sort.txt

uniq.txt

tr.txt

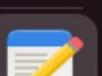
grep.txt

Names.txt

Ln 239, Col 8



```
74 GNU grep home page: <https://www.gnu.org/software/grep/>
75 General help using GNU software: <https://www.gnu.org/gethelp/>
76 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -i "DILEE" Names.txt
77 Dileep
78 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -c "Dileep" Names.txt
79 1
80 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -l "Dil" Names.txt Numbers.txt
81 Names.txt
82 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -w "sri" Names.txt
83 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -w "Sridhar" Names.txt
84 Sridhar
85 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -o "Sri" Names.txt
86 Sri
87 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -n "Dileep" Names.txt
88 5:Dileep
89 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -v "Dileep" Names.txt
90 Keerthi
91 Sridhar
92 Harsha
93 Chandu
94 Dirleep
95 dIRleep
96 dir
97 dirleep
98 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep "^Dileep" Names.txt
99 Dileep
100 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep "Dileep$" Names.txt
101 Dileep
102 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -e "Kee" -e "Sri" Names.txt
103 Keerthi
```



Open



Numbers.txt

Tail.txt

cut.txt

paste.txt

grep.txt  
~/Desktop/scripts

sort.txt

uniq.txt

tr.txt

grep.txt

Names.txt

Ln 239, Col 8



```
105 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -f Sorted.txt Names.txt
106 Keerthi
107 Sridhar
108 Harsha
109 Chandu
110 Dileep
111 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -A1 "Kee" Names.txt
112 Keerthi
113 Sridhar
114 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -B1 "Dileep" Names.txt
115 Chandu
116 Dileep
117 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -C2 "Harsha" Names.txt
118 Keerthi
119 Sridhar
120 Harsha
121 Chandu
122 Dileep
123 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ grep -iR "Srid" ./
124 ./paste.txt:sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste --help
125 ./paste.txt:sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste Numbers.txt Names.txt
126 ./paste.txt:2 Sridhar
127 ./paste.txt:sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -d "-" Number.txt Names.txt
128 ./paste.txt:sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -d "-" Numbers.txt Names.txt
129 ./paste.txt:2-Sridhar
130 ./paste.txt:sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -s Numbers.txt Names.txt
131 ./paste.txt:Keerthi Sridhar Harsha Chandu Dileep
132 ./paste.txt:sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -z Numbers.txt Names.txt
133 ./paste.txt:Sridhar
134 ./paste.txt:2-Sridhar
135 ./paste.txt:2-Harsha
136 ./paste.txt:2-Chandu
137 ./paste.txt:2-Dileep
138 ./paste.txt:2-Keerthi
139 ./paste.txt:2-Sridhar
140 ./paste.txt:2-Harsha
141 ./paste.txt:2-Chandu
142 ./paste.txt:2-Dileep
143 ./paste.txt:2-Keerthi
144 ./paste.txt:2-Sridhar
145 ./paste.txt:2-Harsha
146 ./paste.txt:2-Chandu
147 ./paste.txt:2-Dileep
148 ./paste.txt:2-Keerthi
149 ./paste.txt:2-Sridhar
150 ./paste.txt:2-Harsha
151 ./paste.txt:2-Chandu
152 ./paste.txt:2-Dileep
153 ./paste.txt:2-Keerthi
154 ./paste.txt:2-Sridhar
155 ./paste.txt:2-Harsha
156 ./paste.txt:2-Chandu
157 ./paste.txt:2-Dileep
158 ./paste.txt:2-Keerthi
159 ./paste.txt:2-Sridhar
160 ./paste.txt:2-Harsha
161 ./paste.txt:2-Chandu
162 ./paste.txt:2-Dileep
163 ./paste.txt:2-Keerthi
164 ./paste.txt:2-Sridhar
165 ./paste.txt:2-Harsha
166 ./paste.txt:2-Chandu
167 ./paste.txt:2-Dileep
168 ./paste.txt:2-Keerthi
169 ./paste.txt:2-Sridhar
170 ./paste.txt:2-Harsha
171 ./paste.txt:2-Chandu
172 ./paste.txt:2-Dileep
173 ./paste.txt:2-Keerthi
174 ./paste.txt:2-Sridhar
175 ./paste.txt:2-Harsha
176 ./paste.txt:2-Chandu
177 ./paste.txt:2-Dileep
178 ./paste.txt:2-Keerthi
179 ./paste.txt:2-Sridhar
180 ./paste.txt:2-Harsha
181 ./paste.txt:2-Chandu
182 ./paste.txt:2-Dileep
183 ./paste.txt:2-Keerthi
184 ./paste.txt:2-Sridhar
185 ./paste.txt:2-Harsha
186 ./paste.txt:2-Chandu
187 ./paste.txt:2-Dileep
188 ./paste.txt:2-Keerthi
189 ./paste.txt:2-Sridhar
190 ./paste.txt:2-Harsha
191 ./paste.txt:2-Chandu
192 ./paste.txt:2-Dileep
193 ./paste.txt:2-Keerthi
194 ./paste.txt:2-Sridhar
195 ./paste.txt:2-Harsha
196 ./paste.txt:2-Chandu
197 ./paste.txt:2-Dileep
198 ./paste.txt:2-Keerthi
199 ./paste.txt:2-Sridhar
200 ./paste.txt:2-Harsha
201 ./paste.txt:2-Chandu
202 ./paste.txt:2-Dileep
203 ./paste.txt:2-Keerthi
204 ./paste.txt:2-Sridhar
205 ./paste.txt:2-Harsha
206 ./paste.txt:2-Chandu
207 ./paste.txt:2-Dileep
208 ./paste.txt:2-Keerthi
209 ./paste.txt:2-Sridhar
210 ./paste.txt:2-Harsha
211 ./paste.txt:2-Chandu
212 ./paste.txt:2-Dileep
213 ./paste.txt:2-Keerthi
214 ./paste.txt:2-Sridhar
215 ./paste.txt:2-Harsha
216 ./paste.txt:2-Chandu
217 ./paste.txt:2-Dileep
218 ./paste.txt:2-Keerthi
219 ./paste.txt:2-Sridhar
220 ./paste.txt:2-Harsha
221 ./paste.txt:2-Chandu
222 ./paste.txt:2-Dileep
223 ./paste.txt:2-Keerthi
224 ./paste.txt:2-Sridhar
225 ./paste.txt:2-Harsha
226 ./paste.txt:2-Chandu
227 ./paste.txt:2-Dileep
228 ./paste.txt:2-Keerthi
229 ./paste.txt:2-Sridhar
230 ./paste.txt:2-Harsha
231 ./paste.txt:2-Chandu
232 ./paste.txt:2-Dileep
233 ./paste.txt:2-Keerthi
234 ./paste.txt:2-Sridhar
235 ./paste.txt:2-Harsha
236 ./paste.txt:2-Chandu
237 ./paste.txt:2-Dileep
238 ./paste.txt:2-Keerthi
239 ./paste.txt:2-Sridhar
```

pr command



Open



Tail.txt

cut.txt

paste.txt

sort.txt

pr.txt  
~/Desktop/scripts

Ln 310, Col 1



uniq.txt

tr.txt

grep.txt

Names.txt

pr.txt



81 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr Names.txt

82

83

84 2024-02-14 15:54

Names.txt

Page 1

85

86

87 Keerthi

88 Sridhar

89 Harsha

90 Chandu

91 Dileep

92 Dirleep

93 dIRleep

94 dir

95 dirleep

96 Harsha

97

98

99

100 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -3 Names.txt

101

102

103 2024-02-14 15:54

Names.txt

Page 1

104

105

106 Keerthi

Dileep

dir

107 Sridhar

Dirleep

dirleep

108 Harsha

dIRleep

Harsha

109 Chandu

110



Open



Tail.txt

cut.txt

paste.txt

sort.txt

pr.txt  
~/Desktop/scripts

Ln 310, Col 1



tr.txt

grep.txt

Names.txt

pr.txt



98

99

100 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -3 Names.txt

101

102

103 2024-02-14 15:54

Names.txt

Page 1

104

105

106 Keerthi

Dileep

dir

107 Sridhar

Dirleep

dirleep

108 Harsha

dIRleep

Harsha

109 Chandu

110

111

112

113

114 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -t Names.txt

115 Keerthi

116 Sridhar

117 Harsha

118 Chandu

119 Dileep

120 Dirleep

121 dIRleep

122 dir

123 dirleep

124 Harsha

125 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -d Names.txt

126

127



Open



Tail.txt

cut.txt

paste.txt

sort.txt

pr.txt  
~/Desktop/scripts

Ln 310, Col 1



Names.txt

pr.txt

```
111
112
113
114 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ pr -t Names.txt
115 Keerthi
116 Sridhar
117 Harsha
118 Chandu
119 Dileep
120 Dirleep
121 dIRleep
122 dir
123 dirleep
124 Harsha
125 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ pr -d Names.txt
126
127
128 2024-02-14 15:54
129
130
131 Keerthi
132
133 Sridhar
134
135 Harsha
136
137 Chandu
138
139 Dileep
140
```

Names.txt

Page 1



Open



Tail.txt

cut.txt

paste.txt

sort.txt

pr.txt

~/Desktop/scripts

Ln 310, Col 1



pr.txt



155 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -n Names.txt

156

157

158 2024-02-14 15:54

Names.txt

Page 1

159

160

161 1 Keerthi

162 2 Sridhar

163 3 Harsha

164 4 Chandu

165 5 Dileep

166 6 Dirleep

167 7 dIRleep

168 8 dir

169 9 dirleep

170 10 Harsha

171

172

173 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -a Names.txt

174

175

176 2024-02-14 15:54

Names.txt

Page 1

177

178

179 Keerthi

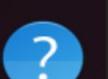
180 Sridhar

181 Harsha

182 Chandu

183 Dileep

184 Dirleep



Open



Tail.txt

cut.txt

paste.txt

sort.txt

pr.txt

~/Desktop/scripts

Ln 310, Col 1



pr.txt



172  
173 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -a Names.txt

174  
175  
176 2024-02-14 15:54

Names.txt

Page 1

177  
178  
179 Keerthi  
180 Sridhar  
181 Harsha  
182 Chandu  
183 Dileep  
184 Dirleep  
185 dIRleep  
186 dir  
187 dirleep  
188 Harsha



189  
190

191  
192

193 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -m Names.txt Sorted.txt

194  
195

196 2024-02-14 16:16

Page 1

197  
198

199 Keerthi  
200 Sridhar  
201 Harsha

Chandu  
Dileep  
Harsha



Open



Tail.txt

cut.txt

paste.txt

sort.txt

pr.txt  
~/Desktop/scripts

Ln 310, Col 1



pr.txt



192  
193 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -m Names.txt Sorted.txt  
194  
195  
196 2024-02-14 16:16

Page 1

197  
198  
199 Keerthi Chandu  
200 Sridhar Dileep  
201 Harsha Harsha  
202 Chandu Keerthi  
203 Dileep Sridhar

204 Dirleep  
205 dIRleep  
206 dir  
207 dirleep  
208 Harsha

209  
210 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -D DD/MM/YYYY Names.txt  
211

212  
213 DD/MM/YYYY Names.txt Page 1

214  
215  
216 Keerthi  
217 Sridhar  
218 Harsha  
219 Chandu  
220 Dileep  
221 Dirleep



Open



Tail.txt

cut.txt

paste.txt

sort.txt

pr.txt  
~/Desktop/scripts

Ln 310, Col 1



pr.txt



```
209
210 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ pr -D DD/MM/YYYY Names.txt
211
212
```

Names.txt

Page 1

DD/MM/YYYY

214

215

216 Keerthi

217 Sridhar

218 Harsha

219 Chandu

220 Dileep

221 Dirleep

222 dIRleep

223 dir

224 dirleep

225 Harsha

226

227

```
228 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ pr -e Names.txt
229
230
```

Names.txt

Page 1

231 2024-02-14 16:28

232

233

234 Keerthi

235 Sridhar

236 Harsha

237 Chandu

238 Dileep





Open

pr.txt  
~/Desktop/scripts

Ln 310, Col 1



Tail.txt

cut.txt

paste.txt

sort.txt

uniq.txt

tr.txt

grep.txt

Names.txt

pr.txt



280 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -r Names.txt

281

282

283 2024-02-14 16:32

Names.txt

Page 1

284

285

286 Keerthi

287 Sridhar varma

288 Harsha

289 Chandu

290 Dileep

291 Dirleep

292 dIRleep

293 dir

294 dirleep sai

295

296

297

298

299

300 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ pr -h Names.txt

301 My\_file

302

303

304 2024-02-14 16:55

Names.txt

Page 1

305

306

307 My\_file

308





# head command

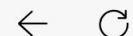
Note : this command is done in google collab



collab\ - Search



Unix\_week\_3.ipynb - Colaborator



https://colab.research.google.com/drive/1cFnNp0hYyzx9j-s-U\_h2fYdc1hDMOtQ7



ASUS Software Port...

MyASUS Software -...

McAfee LiveSafe

Google

Gmail

YouTube

Maps

Other favorites



Unix\_week\_3.ipynb



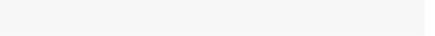
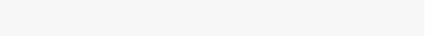
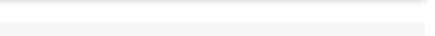
File Edit View Insert Runtime Tools Help Last edited on February 14

Comment

Share



Google Account  
KALIDINDI SRIDHAR VARMA 422165  
422165@student.nitandhra.ac.in



Head command

[ ] !head --help

Usage: head [OPTION]... [FILE]...  
Print the first 10 lines of each FILE to standard output.  
With more than one FILE, precede each with a header giving the file name.

With no FILE, or when FILE is -, read standard input.

Mandatory arguments to long options are mandatory for short options too.

-c, --bytes=[-]NUM	print the first NUM bytes of each file; with the leading '-', print all but the last NUM bytes of each file
-n, --lines=[-]NUM	print the first NUM lines instead of the first 10; with the leading '-', print all but the last NUM lines of each file
-q, --quiet, --silent	never print headers giving file names
-v, --verbose	always print headers giving file names
-z, --zero-terminated	line delimiter is NUL, not newline
--help	display this help and exit
--version	output version information and exit

NUM may have a multiplier suffix:

h 512 kB 1000 K 1024 MR 1000\*1000 M 1024\*1024

https://accounts.google.com/SignOutOptions?hl=en&amp;continue=https://colab.research.google.com/drive/1cFnNp0hYyzx9j-s-U\_h2fYdc1hDMOtQ7&amp;ec=GBRAqQM



24°C  
Partly cloudy



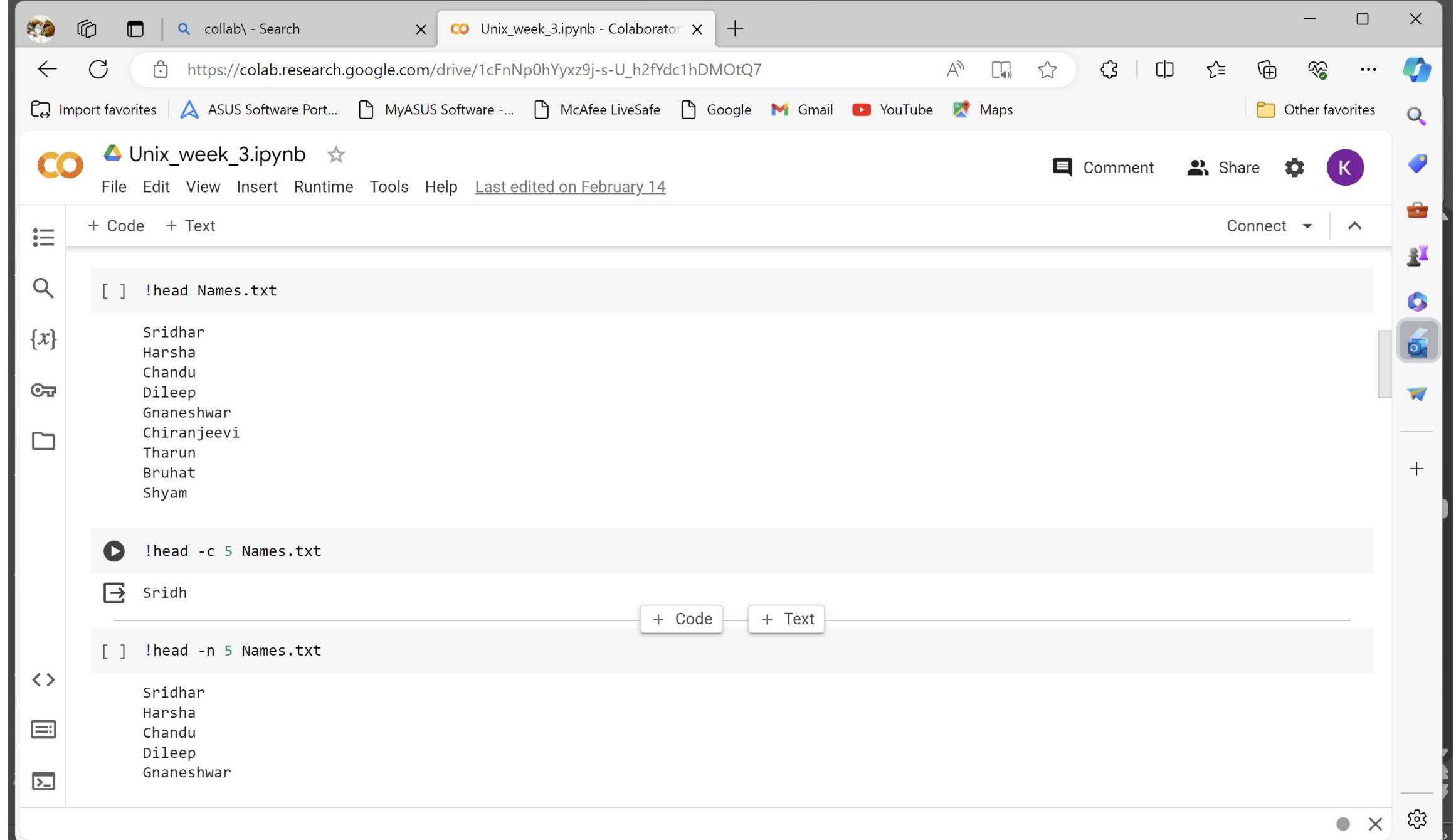
Search



21:47

17-02-2024





collab\ - Search

Unix\_week\_3.ipynb - Colaborator

https://colab.research.google.com/drive/1cFnNp0hYyzx9j-s-U\_h2fYdc1hDMOtQ7

Import favorites | ASUS Software Port... | MyASUS Software -... | McAfee LiveSafe | Google | Gmail | YouTube | Maps | Other favorites

File Edit View Insert Runtime Tools Help Last edited on February 14

Comment Share K

+ Code + Text Connect ^

[ ] !head -q Names.txt

Sridhar  
Harsha  
Chandu  
Dileep  
Gnaneshwar  
Chiranjeevi  
Tharun  
Bruhat  
Shyam

[ ] !head -v Names.txt

==> Names.txt <==  
Sridhar  
Harsha  
Chandu  
Dileep  
Gnaneshwar  
Chiranjeevi  
Tharun  
Bruhat  
Shyam

24°C  
Partly cloudy

Search

PRE

1

Google

Gmail

YouTube

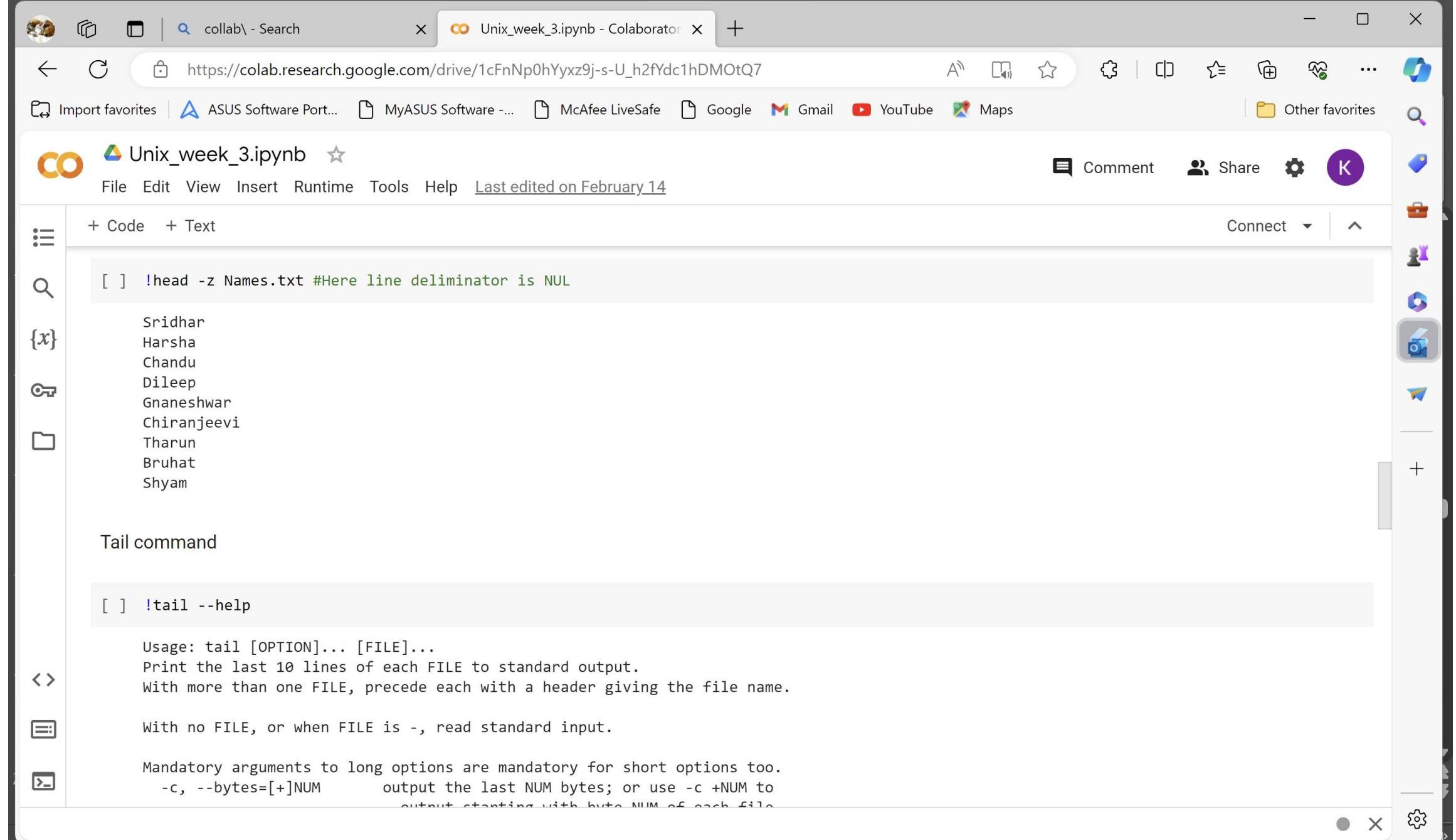
Maps

Other favorites

Comment Share K

Connect ^

21:47 17-02-2024



# tail command



Open



Tail.txt



cut.txt

paste.txt

sort.txt

Tail.txt  
~/Desktop/scripts

Ln 100, Col 1



tr.txt

grep.txt

Names.txt

pr.txt

```
51 yan
52
53 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tail -f Names.txt
54 Keerthi
55 Sridhar
56 Harsha
57 Chandu
58 Dileep
59 Gnaneshwar
60 ^C
61 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tail -f Names.txt
62 Keerthi
63 Sridhar
64 Harsha
65 Chandu
66 Dileep
67 ^C
68 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tail -f Names.txt
69 Keerthi
70 Sridhar
71 Harsha
72 Chandu
73 Dileep
74 ^C
75 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tail -n 2 Names.txt
76 Chandu
77 Dileep
78 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tail -q Names.txt
79 Keerthi
80 Sridhar
```



# cut command



Open ▾

```
38 cut: invalid option -- '3'  
39 Try 'cut --help' for more information.  
40 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -b 3 Names.txt  
41 e  
42 i  
43 r  
44 a  
45 l  
46 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -c 1 Names.txt  
47 K  
48 S  
49 H  
50 C  
51 D  
52 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -d Names.txt  
53 cut: the delimiter must be a single character  
54 Try 'cut --help' for more information.  
55 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -d $ Names.txt  
56 cut: you must specify a list of bytes, characters, or fields  
57 Try 'cut --help' for more information.  
58 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut --delimiter=@ Names.txt  
59 cut: unrecognized option '--delimiter=@'  
60 Try 'cut --help' for more information.  
61 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut --delimiter=@ Names.txt  
62 cut: you must specify a list of bytes, characters, or fields  
63 Try 'cut --help' for more information.  
64 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut --delimiter=DEL Names.txt  
65 cut: the delimiter must be a single character  
66 Try 'cut --help' for more information.  
67 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -d "r" -f 1 Names.txt  
68 Kee  
69 S
```



Open

cut.txt  
~/Desktop/scripts

Ln 93, Col 1

```
63 Try 'cut --help' for more information.
64 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut --delimiter=DEL Names.txt
65 cut: the delimiter must be a single character
66 Try 'cut --help' for more information.
67 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -d "r" -f 1 Names.txt
68 Kee
69 S
70 Ha
71 Chandu
72 Dileep
73 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -d "r" -f 1-2 Names.txt
74 Keerthi
75 Sridha
76 Harsha
77 Chandu
78 Dileep
79 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut --complement -c 5 Names.txt
80 Keerhi
81 Sridar
82 Harsa
83 Chanu
84 Dilep
85 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cut -d "r" -f 1,2 Names.txt --output-delimiter='@'
86 Kee@thi
87 S@idha
88 Ha@sha
89 Chandu
90 Dileep
91 sridhar@sridhar-VirtualBox:~/Desktop/scripts$
```

# paste command



Open



cut.txt

paste.txt  
~/Desktop/scripts

Ln 63, Col 1



paste.txt



```
17 or available locally via: info '(coreutils) paste invocation'
18 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste Numbers.txt Names.txt
19 1      Keerthi
20 2      Sridhar
21 3      Harsha
22 4      Chandu
23 5      Dileep
24 6
25 7
26 8
27 9
28 10
29 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -d "--" Number.txt Names.txt
30 paste: Number.txt: No such file or directory
31 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -d "--" Numbers.txt Names.txt
32 1-Keerthi
33 2-Sridhar
34 3-Harsha
35 4-Chandu
36 5-Dileep
37 6-
38 7-
39 8-
40 9-
41 10-
42 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -s Numbers.txt Names.txt
43 1      2      3      4      5      6      7      8      9      10
44 Keerthi Sridhar Harsha Chandu Dileep
45 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -z Numbers.txt Names.txt
46 1
```



Open



cut.txt

paste.txt  
~/Desktop/scripts

Ln 63, Col 1



paste.txt



```
41 10-
42 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -s Numbers.txt Names.txt
43 1      2      3      4      5      6      7      8      9      10
44 Keerthi Sridhar Harsha Chandu Dileep
45 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ paste -z Numbers.txt Names.txt
46 1
47 2
48 3
49 4
50 5
51 6
52 7
53 8
54 9
55 10
56     Keerthi
57 Sridhar
58 Harsha
59 Chandu
60 Dileep
61 sridhar@sridhar-VirtualBox:~/Desktop/scripts$
62
63 |
```

# sort command



Open



cut.txt

sort.txt  
~/Desktop/scripts

Ln 168, Col 1



paste.txt

sort.txt

```
71 GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
72 Full documentation <https://www.gnu.org/software/coreutils/sort>
73 or available locally via: info '(coreutils) sort invocation'
74 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort Names.txt
75 Chandu
76 Dileep
77 Harsha
78 Keerthi
79 Sridhar
80 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -r Names.txt
81 Sridhar
82 Keerthi
83 Harsha
84 Dileep
85 Chandu
86 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -b Names.txt
87 Chandu
88 Dileep
89 Harsha
90 Keerthi
91 Sridhar
92 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -d Names.txt
93 Chandu
94 Dileep
95 Harsha
96 Keerthi
97 Sridhar
98 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -f Names.txt
99 Chandu
```

100 0.11



Open

cut.txt

sort.txt  
~/Desktop/scripts

Ln 168, Col 1



paste.txt

sort.txt



```
94 Dileep
95 Harsha
96 Keerthi
97 Sridhar
98 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -f Names.txt
99 Chandu
100 Dileep
101 Harsha
102 Keerthi
103 Sridhar
104 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -g Names.txt
105 Chandu
106 Dileep
107 Harsha
108 Keerthi
109 Sridhar
110 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -i Names.txt
111 Chandu
112 Dileep
113 Harsha
114 Keerthi
115 Sridhar
116 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -n Names.txt
117 Chandu
118 Dileep
119 Harsha
120 Keerthi
121 Sridhar
122 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -R Names.txt
123 Sridhar
```



Open



cut.txt

sort.txt  
~/Desktop/scripts

Ln 134, Col 64



paste.txt



sort.txt



```
121 Sridhar
122 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -R Names.txt
123 Sridhar
124 Keerthi
125 Dileep
126 Harsha
127 Chandu
128 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -R Names.txt -r
129 Chandu
130 Dileep
131 Harsha
132 Keerthi
133 Sridhar
134 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -c Names.txt|
135 sort: Names.txt:3: disorder: Harsha
136 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -C Names.txt
137 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -m Names.txt Numbers.txt
138 1
139 2
140 3
141 4
142 5
143 6
144 7
145 8
146 9
147 10
148 Keerthi
149 Sridhar
150 Harsha
```



Open



cut.txt

sort.txt  
~/Desktop/scripts

Ln 134, Col 64



paste.txt

sort.txt



```
145 8
146 9
147 10
148 Keerthi
149 Sridhar
150 Harsha
151 Chandu
152 Dileep
153 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort Names.txt -o Sorted.txt
154 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Sorted.txt
155 Chandu
156 Dileep
157 Harsha
158 Keerthi
159 Sridhar
160 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ sort -u Names.txt
161 Chandu
162 Dileep
163 Harsha
164 Keerthi
165 Sridhar
166 sridhar@sridhar-VirtualBox:~/Desktop/scripts$
167
168
```

# uniq command



Open



cut.txt

uniq.txt  
~/Desktop/scripts

Ln 127, Col 8



uniq.txt



```
32 GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
33 Full documentation <https://www.gnu.org/software/coreutils/uniq>
34 or available locally via: info '(coreutils) uniq invocation'
35 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -c Names.txt
36      1 Keerthi
37      1 Sridhar
38      1 Harsha
39      1 Chandu
40      2 Dileep
41 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -d Names.txt
42 Dileep
43 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -D Names.txt
44 Dileep
45 Dileep
46 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -f 2 Names.txt
47 Keerthi
48 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -i Names.txt
49 Keerthi
50 Sridhar
51 Harsha
52 Chandu
53 Dileep
54 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -s 5 Names.txt
55 Keerthi
56 Sridhar
57 Harsha
58 Chandu
59 Dileep
60 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -s 3 Names.txt
61 Keerthi
```



Open



cut.txt

uniq.txt  
~/Desktop/scripts

Ln 127, Col 8



uniq.txt

```
55 Keerthi
56 Sridhar
57 Harsha
58 Chandu
59 Dileep
60 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -s 3 Names.txt
61 Keerthi
62 Sridhar
63 Harsha
64 Chandu
65 Dileep
66 dIRleep
67 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -s 3 Names.txt
68 Keerthi
69 Sridhar
70 Harsha
71 Chandu
72 Dileep
73 Dirleep
74 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -u Names.txt
75 Keerthi
76 Sridhar
77 Harsha
78 Chandu
79 Dileep
80 Dirleep
81 dIRleep
82 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -w 5 Names.txt
83 Keerthi
84 Sridhar
```



Open



79 Dileep  
80 Dirleep  
81 dIRleep  
82 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ uniq -w 5 Names.txt  
83 Keerthi  
84 Sridhar  
85 Harsha  
86 Chandu  
87 Dileep  
88 Dirleep  
89 dIRleep



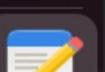
90 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ uniq -w 3 Names.txt  
91 Keerthi  
92 Sridhar  
93 Harsha  
94 Chandu  
95 Dileep  
96 Dirleep  
97 dIRleep  
98 dir



99 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ uniq -i Names.txt|uniq -w 3 Names.txt  
100 Keerthi  
101 Sridhar  
102 Harsha  
103 Chandu  
104 Dileep  
105 Dirleep  
106 dIRleep  
107 dir



108 sridhar@sridhar-VirtualBox:~/Desktop/scripts\$ uniq -w 3 Names.txt





Open



cut.txt

uniq.txt  
~/Desktop/scripts

Ln 127, Col 8



uniq.txt



```
96 Dirleep
97 dIRleep
98 dir
99 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -i Names.txt|uniq -w 3 Names.txt
100 Keerthi
101 Sridhar
102 Harsha
103 Chandu
104 Dileep
105 Dirleep
106 dIRleep
107 dir
108 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ uniq -w 3 Names.txt
109 Keerthi
110 Sridhar
111 Harsha
112 Chandu
113 Dileep
114 Dirleep
115 dIRleep
116 dir
117 sridhar@sridhar-VirtualBox:~/Desktop/scripts$
118
119 Keerthi
120 Sridhar
121 Harsha
122 Chandu
123 Dileep
124 Dirleep
125 dIRleep
```



Open ▾



cut.txt

uniq.txt  
~/Desktop/scripts

Ln 127, Col 8



uniq.txt



```
109 Keerthi
110 Sridhar
111 Harsha
112 Chandu
113 Dileep
114 Dirleep
115 dIRleep
116 dir
117 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ 
118
119 Keerthi
120 Sridhar
121 Harsha
122 Chandu
123 Dileep
124 Dirleep
125 dIRleep
126 dir
127 dirleep|
```



# tr command



Open



cut.txt

tr.txt  
~/Desktop/scripts

Ln 16, Col 64



tr.txt



```
53 Full documentation <https://www.gnu.org/software/coreutils/tr>
54 or available locally via: info '(coreutils) tr invocation'
55 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr [a-z][A-Z]
56 tr: missing operand after '[a-z][A-Z]'
57 Two strings must be given when translating.
58 Try 'tr --help' for more information.
59 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr [a-z] [A-Z]
60 KEERTHI
61 SRIDHAR
62 HARSHA
63 CHANDU
64 DILEEP
65 DIRLEEP
66 DIRLEEP
67 DIR
68 DIRLEEP
69 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr ["r"] "s"
70 Keesthi
71 Ssidhas
72 Hassha
73 Chandu
74 Dileep
75 Disleep
76 dIRleep
77 dis
78 disleep
79 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr "r" "s"
80 Keesthi
81 Ssidhas
82 Hassha
```



Open



cut.txt

```
76 dIRleep
77 dis
78 disleep
79 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr "r" "s"
80 Keesthi
81 Ssidhas
82 Hassha
83 Chandu
84 Dileep
85 Disleep
86 dIRleep
87 dis
88 disleep
89 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr -s " "
90 Keerthi
91 Sridhar
92 Harsha
93 Chandu
94 Dileep
95 Dirleep
96 dIRleep
97 dir
98 dirleep
99 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr -s "r"
100 Keerthi
101 Sridhar
102 Harsha
103 Chandu
104 Dileep
105 Dirleep
```

tr.txt  
~/Desktop/scripts

Ln 16, Col 64



tr.txt





Open



cut.txt

tr.txt  
~/Desktop/scripts

Ln 16, Col 64



tr.txt



```
96 dirleep
97 dir
98 dirleep
99 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr -s "r"
100 Keerthi
101 Sridhar
102 Harsha
103 Chandu
104 Dileep
105 Dirleep
106 dIRleep
107 dir
108 dirleep
109 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tr -d "H"
110
111
112 ^C
113 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tr -d H
114 ^C
115 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt|tr -d H
116 Keerthi
117 Sridhar
118 arsha
119 Chandu
120 Dileep
121 Dirleep
122 dIRleep
123 dir
124 dirleep
125 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt| tr -d [:upper:]
```



Open



cut.txt

tr.txt  
~/Desktop/scripts

Ln 16, Col 64



tr.txt



```
113 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ tr -d H
114 ^C
115 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt|tr -d H
116 Keerthi
117 Sridhar
118 arsha
119 Chandu
120 Dileep
121 Dirleep
122 dIRleep
123 dir
124 dirleep
125 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt| tr -d [:upper:]
126 eerthi
127 ridhar
128 arsha
129 handu
130 ileep
131 irleep
132 dleep
133 dir
134 dirleep
135 sridhar@sridhar-VirtualBox:~/Desktop/scripts$
136
137 Keerthi
138 Sridhar
139 Harsha
140 Chandu
141 Dileep
142 Dirleep
```



Open



cut.txt

```
130 illeep
131 irleep
132 dleep
133 dir
134 dirleep
135 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ 
136
137 Keerthi
138 Sridhar
139 Harsha
140 Chandu
141 Dileep
142 Dirleep
143 dIRleep
144 dir
145 dirleep
146
147
148 sridhar@sridhar-VirtualBox:~/Desktop/scripts$ cat Names.txt | tr -t [Sri] [DEE]
149 KeeEthE
150 DEEdhaE
151 HaEsha
152 Chandu
153 DEleep
154 DEEleep
155 dIRleep
156 dEE
157 dEEleep
158 HaEsha
159
```

tr.txt  
~/Desktop/scripts

Ln 16, Col 64



tr.txt



THE END