

## Head and Tail Commands:

```
(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ tail +5 students.txt
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ tail -c 40 students.txt
rra.
Marceline Avila.
Jaylen Blackwell.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ tail -n +5 students.txt
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ tail -n 5 students
tail: cannot open 'students' for reading: No such file or directory

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ tail -n 5 students.txt
Kylan Gentry.
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ head students.txt
Saige Fuentes.
Bowen Higgins.
Leighton Kramer.
Kylan Gentry.
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ head -b 15 students.txt
head: invalid option -- 'b'
Try 'head --help' for more information.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ head -c 15 students.txt
Saige Fuentes.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ head -n 3 students.txt
Saige Fuentes.
Bowen Higgins.
Leighton Kramer.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ head -v students.txt
==> students.txt <==
Saige Fuentes.
Bowen Higgins.
Leighton Kramer.
Kylan Gentry.
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.

(base) student@a1-HP-ProDesk-600-G4-MT:~/422162/unix$ head -n +4 students.txt
Saige Fuentes.
Bowen Higgins.
Leighton Kramer.
Kylan Gentry.
```

Paste command

```
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ paste -d '|' numbers.txt months.txt
1|JAN
2|FEB
3|MAR
4|APR
5|JUN
6|MAY
7|JULY
8|DEC
9|AUG
10|SEPT
11|NOV
12|OCT

(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ paste -d '|' numbers.txt months.txt
1|JAN
2|FEB
3|MAR
4|APR
5|JUN
6|MAY
7|JULY
8|DEC
9|AUG
10|SEPT
11|NOV
12|OCT

(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ paste -s numbers.txt months.txt
1 2 3 4 5 6 7 8 9 10 11 12
JAN FEB MAR APR JUN MAY JULY DEC AUG SEPT NOV OCT
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ paste -z numbers.txt months.txt
1
2
3
4
5
6
7
8
9
10
11
12
JAN
FEB
MAR
APR
JUN
MAY
JULY
DEC
AUG
SEPT
NOV
OCT
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$
```

## Cut command

```
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -d ' ' -f 2 --complement students.txt
Saige
Bowen
Leighton
Kylan
Anellie
Franklin
Marcelline
Jaylen
```

```
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -b 1 months.txt
J
F
M
A
J
M
J
D
A
S
N
O
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -b 1,2,3,4 months.txt
JAN
FEB
MAR
APR
JUN
MAY
JULY
DEC
AUG
SEPT
NOV
OCT
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -c 1,2 months.txt
```

```
JA  
FE  
MA  
AP  
JU  
MA  
JU  
DE  
AU  
SE  
NO  
OC
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -b 1,2 months.txt
```

```
JA  
FE  
MA  
AP  
JU  
MA  
JU  
DE  
AU  
SE  
NO  
OC
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -c 1-3 months.txt
```

```
JAN  
FEB  
MAR  
APR  
JUN  
MAY  
JUL  
DEC  
AUG  
SEP  
NOV  
OCT
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ man cut
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -s -b 1,2 months.txt
```

```
cut: suppressing non-delimited lines makes sense
```

```
only when operating on fields
```

```
Try 'cut --help' for more information.
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ man cut
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -d ' ' -f 1 students.txt
```

```
Saige
```

```
Bowen
```

```
Leighton
```

```
Kylan
```

```
Anellie
```

```
Franklin
```

```
Marceline
```

```
Jaylen
```

```
(base) student@al-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -d ' ' -f 2 students.txt
```

```
Fuentes.
```

```
Higgins.
```

```
Kramer.
```

```
Gentry.
```

```
Griffith.
```

```
Sierra.
```

```
Avila.
```

```
student@al-HP-ProDesk-600-G4-MT:~/422162/unix$
```

```
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -d '.' -f -2 students.txt
Saige Fuentes.
Bowen Higgins.
Leighton Kramer.
Kylan Gentry.
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -d '.' -f -1 students.txt
Saige Fuentes
Bowen Higgins
Leighton Kramer
Kylan Gentry
Amelie Griffith
Franklin Sierra
Marceline Avila
Jaylen Blackwell
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -d '.' -f 2 students.txt
```

```
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -z -b 1-5 students.txt
Saige(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ cut -b 1-5 students.txt
Saige
Bowen
Leigh
Kylan
Ameli
Frank
Marce
Jayle
```

## Tr command:

```
try: cut -help for more information.
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ man tr
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [a-z] [:digit:] < stu
students.txt stu_month.txt
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [a-z] [:digit:] < students.txt
tr: when translating, the only character classes that may appear in
string2 are 'upper' and 'lower'
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ man tr
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [lower] [:digit:] < students.txt
tr: when translating, the only character classes that may appear in
string2 are 'upper' and 'lower'
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ man tr
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [:lower:] [:upper:] < students.txt
SAIGE FUENTES.
BOWEN HIGGINS.
LEIGHTON KRAMER.
KYLAN GENTRY.
AMELIE GRIFFITH.
FRANKLIN SIERRA.
MARCELINE AVILA.
JAYLEN BLACKWELL.
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ man tr
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [a-z] [A-D] < students.txt
SA]]] F]]]]]]].
]]]]] H]]]]]]].
]]]]]]] K]]]]]]].
]]]]] G]]]]]]].
]]]]]]] S]]]]]]].
]]]]]]] S]]]]]]].
]]]]]]] A]]]]]]].
]]]]]]] B]]]]]]].
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr -d [] <tr [a-z] [A-D] < students.txt
bash: tr: No such file or directory
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ man tr
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [:alpha:] [A-K] <students.txt
]]]]] G]]]]]]].
]]]]]]] J]]]]]]].
]]]]] F]]]]]]].
]]]]]]] F]]]]]]]]].
]]]]]]]]] I]]]]]]].
]]]]]]]]] I]]]]]]].
]]]]]]] A]]]]]]].
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr -d [A-K] < students.txt
Saige Fuentes.
Bowen Higgins.
Leighton Kramer.
Kylan Gentry.
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ man tr
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [A-K] [b+] < students.txt
Saige Fuentes.
Bowen Higgins.
Leighton Kramer.
Kylan Gentry.
Amelie Griffith.
Franklin Sierra.
Marceline Avila.
Jaylen Blackwell.
(base) student@ai-HP-ProDesk-600-G4-MT:~/422162/unix$ tr [:alpha:] [b+] < students.txt
```







**Grep command:**



**Uniq and sort command:**

