

✓

0s

▶

#!grep --help

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✓

0s

▶

!cat numbers.txt

↗️

1

2

3

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9

10

✓

0s

▶

! pr numbers.txt

↗️

2024-02-18 17:11

numbers.txt

Page 1

1

2

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10

✓  
0s

!pr -t numbers.txt



1  
2  
3  
4  
5  
6  
7  
8  
9  
10



✓  
0s

!cat numbers.txt

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

✓  
0s

!pr -d numbers.txt

2  
  
3  
  
4  
  
5  
  
6  
  
7  
  
8  
  
9  
  
10

✓ [17] !pr --version

pr (GNU coreutils) 8.32  
Copyright (C) 2020 Free Software Foundation, Inc.  
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This is free software: you are free to change and redistribute it.  
There is NO WARRANTY, to the extent permitted by law.  
  
Written by Pete TerMaat and Roland Huebner.

✓ #!pr --help

✓ !pr -3 numbers.txt

7

✓ [21] #head command  
#head [OPTION]... [FILE]...

✓ !cat list1.txt

Virginia  
Connecticut  
Delaware  
Georgia  
Maryland  
Massachusetts  
New Hampshire  
New Jersey  
New York  
North Carolina  
Pennsylvania  
Rhode Island  
South Carolina

✓ 0s [23] !head list1.txt

```
Virginia
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
```

✓ 0s [24] !head -n 2 list1.txt

```
Virginia
Connecticut
```

✓ 0s [25] !head -c 20 list1.txt

```
Virginia
Connecticu
```

✓ 0s !head -v list1.txt

```
==> list1.txt <==
Virginia
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
```

✓ 0s !head list1.txt numbers.txt

```
==> list1.txt <==
Virginia
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina

==> numbers.txt <==
1
2
3
4
5
6
7
8
9
```

```
✓ [29] !head numbers.txt > out_numbers.txt
0s

✓ [31] # 'tail' command
0s #tail [OPTION]... [FILE]...

✓ [32] !tail +5 out_numbers.txt
0s
4
5
6
7
8
9
```

```
✓ [33] # 'cut' command
0s #cut OPTION... [FILE]...

✓ [34] !ls
0s
list1.txt list2.txt numbers.txt numbers.txt.txt out_numbers.txt sample_data

✓ [35] !cat list1.txt
0s
Virginia
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
Pennsylvania
Rhode Island
South Carolina
```

✓ [36] !cut -b 1,2,3 list1.txt  
0s

Vir  
Con  
Del  
Geo  
Mar  
Mas  
New  
New  
New  
Nor  
Pen  
Rho  
Sou



✓ !cut -b -5 list1.txt  
0s

✕ Virgi  
Conne  
Delaw  
Georg  
Maryl  
Massa  
New H  
New J  
New Y  
North  
Penns  
Rhode  
South

✓ !cut -c 3-7 list1.txt  
0s

➡ rgini  
nnect  
lawar  
orgia  
rylan  
ssach  
w Ham  
w Jer  
w Yor  
rth C  
nnsyl  
ode I  
uth C



✓ !ls  
0s

list1.txt list2.txt numbers.txt numbers.txt.txt out\_numbers.txt sample\_data

```
0s !paste list1.txt numbers.txt

1
2
3
4
5
6
7
8
9
10

South Carolina

[41] !paste -d "," list1.txt numbers.txt numbers.txt

,
,1
,2
,3
,4
,5
,6
,7
,8
,9
|10,10
|
South Carolina|,

0s !paste -s -d ":" list1.txt numbers.txt numbers.txt

:South Carolina
:10
:10

+ Code + Text

0s !sort list1.txt

Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
Pennsylvania
Rhode Island
South Carolina
Virginia
```

```
✓ 0s !cat list1.txt
Virginia
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
Pennsylvania
Rhode Island
South Carolina

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✓ 0s !sort -r list1.txt
Virginia
South Carolina
Rhode Island
Pennsylvania
North Carolina
New York
New Jersey
New Hampshire
Massachusetts
Maryland
Georgia
Delaware
Connecticut

✓ 0s [46] # 'uniq'
#uniq [OPTION] [INPUT[OUTPUT]]

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✓ 0s !cat list2.txt
Virginia
Connecticut
Connecticut
Connecticut
Connecticut
Delaware
Georgia
Maryland
Massachusetts
New Hampshire
New Jersey
New York
North Carolina
North Carolina
North Carolina
Pennsylvania
Rhode Island
South Carolina
```



✓ [48] !uniq list2.txt

Virginia  
Connecticut  
Delaware  
Georgia  
Maryland  
Massachusetts  
New Hampshire  
New Jersey  
New York  
North Carolina  
Pennsylvania  
Rhode Island  
South Carolina



✓ [49] !uniq -c list2.txt

1 Virginia  
4 Connecticut  
1 Delaware  
1 Georgia  
1 Maryland  
1 Massachusetts  
1 New Hampshire  
1 New Jersey  
1 New York  
3 North Carolina  
1 Pennsylvania  
1 Rhode Island  
1 South Carolina

✓ [50] !uniq -d list2.txt

Connecticut  
North Carolina



✓ [51] !uniq -u list2.txt

Virginia  
Delaware  
Georgia  
Maryland  
Massachusetts  
New Hampshire  
New Jersey  
New York  
Pennsylvania  
Rhode Island  
South Carolina

```
✓ 0s [52] # 'tr' : translate  
      #tr [OPTION] SET1 [SET2]
```

```
✓ 0s [53] !ls  
  
list1.txt list2.txt numbers.txt numbers.txt.txt out_numbers.txt sample_data
```

```
✓ 0s !cat list1.txt
```

```
Virginia  
Connecticut  
Delaware  
Georgia  
Maryland  
Massachusetts  
New Hampshire  
New Jersey  
New York  
North Carolina  
Pennsylvania  
Rhode Island  
South Carolina
```

```
✓ 0s !cat list1.txt | tr [a-z] [A-Z]
```

```
VIRGINIA  
CONNECTICUT  
DELAWARE  
GEORGIA  
MARYLAND  
MASSACHUSETTS  
NEW HAMPSHIRE  
NEW JERSEY  
NEW YORK  
NORTH CAROLINA  
PENNSYLVANIA  
RHODE ISLAND  
SOUTH CAROLINA
```

```
✓ 0s [56] !echo "Welcome To GeeksforGeeks" | tr -d W
```

```
elcome To GeeksforGeeks
```

```
✓ 0s !echo "my ID is 73535" | tr -d [:digit:]
```

```
my ID is
```

✓ 0s [58] # 'grep' : pattern searching  
#grep [options] pattern [files]

✓ 0s !cat list2.txt

Virginia  
Connecticut  
Connecticut  
Connecticut  
Connecticut  
Delaware  
Georgia  
Maryland  
Massachusetts  
New Hampshire  
New Jersey  
New York  
North Carolina  
North Carolina  
North Carolina  
Pennsylvania  
Rhode Island  
South Carolina

✓ 0s [60] !grep -i "connect" list2.txt

Connecticut  
Connecticut  
Connecticut  
Connecticut

✓ 0s [61] !grep -c "Connecticut" list2.txt

4


✓ 0s [62] !grep -w "connect" list2.txt

✓ 0s !grep -o "Connecticut" list2.txt

Connecticut  
Connecticut  
Connecticut  
Connecticut

✓ 0s !grep -n "Connecticut" list2.txt

2:Connecticut  
3:Connecticut  
4:Connecticut  
5:Connecticut

 !cat numbers.txt



```
1  
2  
3  
4  
5  
6  
7  
8  
9  
10
```

[8] ! pr numbers.txt