

hackerrank.com/challenges/text-processing-cut-1/problem

```
1  cut -c 3
```

Line: 1 Col: 9

Test against custom input

**Congratulations!**

Buscar cualquier cosa

ESP 05:39 p. m.  
27/11/2020

hackerrank.com/challenges/text-processing-cut-2/problem?h\_r=next-challenge&h\_v=zen

```
1  cut -c 2,7
```

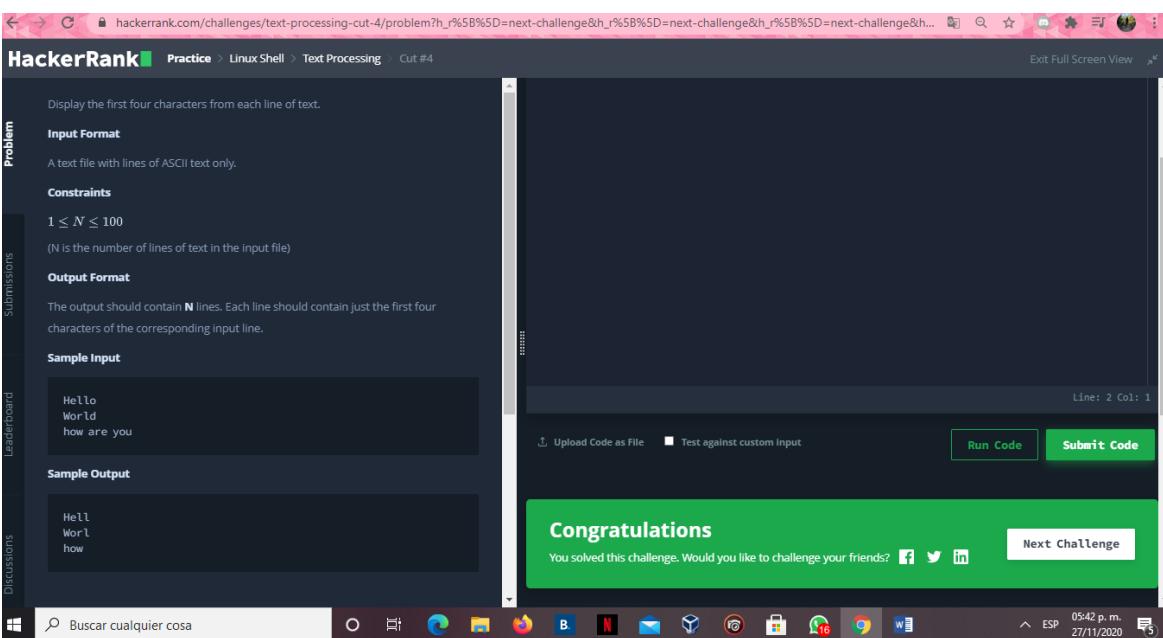
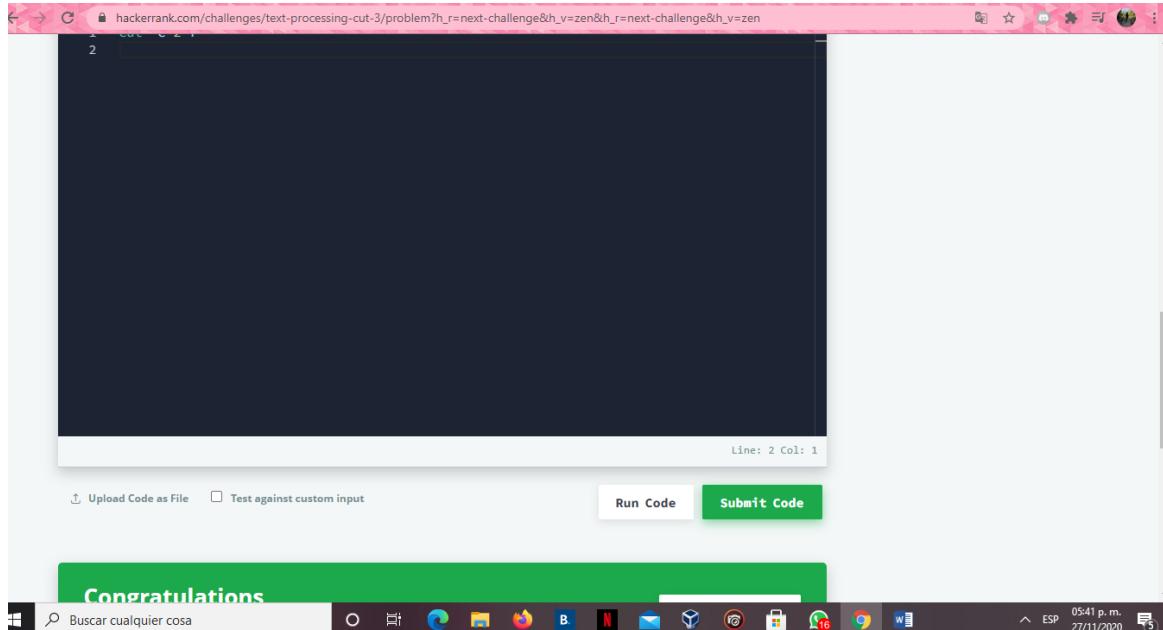
Line: 1 Col: 11

Test against custom input

**Congratulations!**

Buscar cualquier cosa

ESP 05:40 p. m.  
27/11/2020



Given a tab delimited file with several columns (tsv format) print the first three fields.

**Input Format**  
A tab-separated file with lines of ASCII text only.

**Constraints**  
 $1 \leq N \leq 100$   
 $2 \leq C \leq 100$   
(N is the number of lines of text in the input file and C is the number of columns of data in the file)

**Output Format**  
The output should contain N lines. For each line in the input, print the first three fields.

**Sample Input**

```
1 New York, New York[10] 8,244,910 1 New York-Northern New Jersey-Long Island, NY-NJ-PA[11]
2 Los Angeles, California 3,819,702 2 Los Angeles-Long Beach-Santa Ana, CA[11]
3 Chicago, Illinois 2,707,120 3 Chicago-Joliet-Naperville, IL-IN-MO[11]
4 Houston, Texas 2,145,146 4 Dallas-Fort Worth-Arlington, TX[11]
5 Philadelphia, Pennsylvania[11] 1,536,471 5 Houston-Sugar Land-Baytown, TX[11]
```

**Sample Output**

```
1 New York, New York[10] 8,244,910
2 Los Angeles, California 3,819,702
3 Chicago, Illinois 2,707,120
```

Line: 1 Col: 11

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#)

Test case 0 Compiler Message Success

ESP 05:42 p.m. 27/11/2020

Print the characters from thirteenth position to the end.

**Input Format**  
A text file with lines of ASCII text only.

**Constraints**  
 $1 \leq N \leq 100$   
(N is the number of lines of text in the input file)

**Output Format**  
The output should contain N lines. For each input line, print the characters from thirteenth position to the end.

**Sample Input**

```
New York is a state in the Northeastern and Mid-Atlantic regions of the United States. It is the 27th-most extensive, the third-most populous populated area in the United States. About one third of all the battles of the Revolutionary War took place in New York. Henry Hudson's 1609 voyage marked the beginning of European involvement in the region.
```

**Sample Output**

```
a state in the Northeastern and Mid-Atlantic regions of the United States. It is the 27th-most extensive, the third-most populous populated area in the United States. About one third of all the battles of the Revolutionary War took place in New York. Henry Hudson's 1609 voyage marked the beginning of European involvement in the region.
```

Line: 2 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#)

Test case 0 Compiler Message Success

Test case 1 Compiler Message Success

Test case 2 Compiler Message Success

Input (stdin) Download

```
1 New York is a state in the Northeastern and Mid-Atlantic regions of the United States.
```

ESP 05:44 p.m. 27/11/2020

The screenshot shows the HackerRank challenge interface for 'Text Processing Cut #7'. The left sidebar includes navigation links for Practice, Linux Shell, Text Processing, Cut #7, Submissions, Leaderboard, Discussions, and a search bar. The main content area displays the problem statement, input format, constraints, output format, sample input ('Hello\nWorld\nhow are you'), and sample output ('Hello\nWorld'). On the right, there's a code editor with tabs for 'Upload Code as File' and 'Test against custom input', and buttons for 'Run Code' and 'Submit Code'. A success message 'Congratulations' is displayed, along with social sharing options and a 'Next Challenge' button. Below the editor, test case results for 'Test case 0', 'Test case 1', and 'Test case 2' are shown, all marked as 'Success'. The bottom navigation bar includes links for Windows, GitHub, Stack Overflow, and other developer resources.

The screenshot shows the HackerRank challenge page for 'Cut'. The challenge details are as follows:

- Problem**: Given a sentence, identify and display its first three words. Assume that the space (' ') is the only delimiter between words.
- Input Format**: A text file with lines of ASCII text only. Each line has exactly one sentence.
- Constraints**:  $1 \leq N \leq 100$  ( $N$  is the number of lines of text in the input file).
- Output Format**: The output should contain  $N$  lines. For each input sentence, identify and display its first three words. Assume that the space (' ') is the only delimiter between words.
- Sample Input**:

```
New York is a state in the Northeastern and Mid-Atlantic regions o  
New York is the 27th-most extensive, the third-most populous popul  
New York is bordered by New Jersey and Pennsylvania to the south.  
About one third of all the battles of the Revolutionary War took pl  
Henry Hudson's 1609 voyage marked the beginning of European involv
```
- Sample Output**:

```
New York is  
New York is
```

The right side of the screenshot shows the code editor and results area. The code editor contains the following Java code:import java.util.Scanner;  
public class Cut {  
 public static void main(String[] args) {  
 Scanner scanner = new Scanner(System.in);  
 int n = scanner.nextInt();  
 scanner.nextLine();  
 for (int i = 0; i < n; i++) {  
 String line = scanner.nextLine();  
 System.out.println(line.substring(0, 3));  
 }  
 }  
}

The results section shows three test cases all passed successfully:

- Test case 0: Success
- Test case 1: Success
- Test case 2: Success

A green banner at the bottom right says "Congratulations" and "You solved this challenge. Would you like to challenge your friends?".

The screenshot shows a challenge titled "Text Processing" on the HackerRank platform. The challenge details are as follows:

- Problem**: Given a tab delimited file with several columns (tsv format) print the fields from second fields to last field.
- Input Format**: A tab-separated file with lines of ASCII text only.
- Constraints**:
  - $1 \leq N \leq 100$
  - $2 \leq C \leq 100$(N is the number of lines of text in the input file and C is the number of columns of data in the file)
- Output Format**: The output should contain N lines.

For each line in the input, print the fields from second fields to last field.
- Sample Input**:

```
1 New York, New York[10] 8,244,910 1 New York-Northern New Jersey-Passaic County, New York-Northern New Jersey-Long Island, NY-NJ-PA MSA
2 Los Angeles, California 3,819,762 2 Los Angeles-Long Beach-Santa Ana, CA MSA
3 Chicago, Illinois 2,707,120 3 Chicago-Joliet-Naperville, IL MSA
4 Houston, Texas 2,145,146 4 Dallas-Fort Worth-Arlington, TX MSA
5 Philadelphia, Pennsylvania[11] 1,536,471 5 Houston-Sugar Land-Baytown, TX MSA
```
- Sample Output**:

```
8,244,910 1 New York-Northern New Jersey-Passaic County, New York-Northern New Jersey-Long Island, NY-NJ-PA MSA
3,819,762 2 Los Angeles-Long Beach-Santa Ana, CA MSA
2,707,120 3 Chicago-Joliet-Naperville, IL MSA
2,145,146 4 Dallas-Fort Worth-Arlington, TX MSA
1,536,471 5 Houston-Sugar Land-Baytown, TX MSA
```

The right side of the interface shows a code editor with the following code:

```
#!/bin/bash
# Read the input file
input_file="input.txt"
# Process the input file
output_file="output.txt"
# Open the output file for writing
echo -e "" > $output_file
# Loop through each line of the input file
while IFS=$'\t' read -r line; do
    # Extract the second column onwards
    echo -e "${line:1}" >> $output_file
done < $input_file
```

Below the code editor, there are buttons for "Upload Code as File" and "Test against custom input". To the right are "Run Code" and "Submit Code" buttons. The status bar at the bottom right indicates "Line: 2 Col: 1".

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#)

**Test case 0** Success

Compiler Message

Next Challenge

In this challenge, we practice using the head command to display the first  $n$  lines of a text file.

Display the first 20 lines of an input file.

**Input Format**

A text file.

**Output Format**

Output the first 20 lines of the given text file.

**Sample Input**

```
From fairest creatures we desire increase,  
That thereby beauty's rose might never die,  
But as the riper should by time decease,  
His tender heir might bear his memory:  
But thou contracted to thine own bright eyes,  
Feed'st thy light's flame with self-substantial fuel,  
Making a famine where abundance lies,  
Thy self thy foe, to thy sweet self too cruel:  
Thou that art now the world's fresh ornament,  
And only herald to the gaudy spring,  
Within thine own bud buriest thy content,  
And tender churl mak'st waste in niggarding:  
Pity the world, or else this glutton be,  
To eat the world's due, by the grave and thee.  
When forty winters shall besiege thy brow,  
And dig deep trenches in thy beauty's field,
```

Line: 2 Col: 1

Upload Code as File  Test against custom input

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#)

**Test case 0** Compiler Message

<https://www.hackerrank.com/challenges/text-processing-head-2/problem>

In this challenge, we practice using the `head` command to display the first `n` characters of a text file.

Display the first 20 characters of an input file.

**Input Format**

A text file.

**Output Format**

Output the first 20 characters of the text file.

**Sample Input**

```
New York is a state in the Northeastern and Mid-Atlantic regions of the United States. New York is the 7th-most extensive, the 3rd-most populous, and the 4th-most densely populated of the 50 US states. New York is bordered by New Jersey and Pennsylvania to the south. About one third of all the battles of the Revolutionary War took place in New York. Henry Hudson's 1609 voyage marked the beginning of European involvement in the state's history.
```

**Sample Output**

```
New York is a state
```

Line: 2 Col: 1

Upload Code as File Test against custom input

Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#)

Test case 0 Compiler Message Success

Test case 1 Success

ESP 05:48 p.m. 27/11/2020

Display the lines (from line number 12 to 22, both inclusive) of a given text file.

**Input Format**

A text file.

**Output Format**

Display the lines (from line number 12 to 22, both inclusive) for the input file.

**Sample Input**

```
From fairest creatures we desire increase,  
That thereby beauty's rose might never die,  
But as the riper should by time decease,  
His tender heir might bear his memory:  
But thou contracted to thine own bright eyes,  
Feed'st thy light's flame with self-substantial fuel,  
Making a famine where abundance lies,  
Thy self thy foe, to thy sweet self too cruel:  
Thou that art now the world's fresh ornament,  
And only herald to the gaudy spring,  
Within thine own bud buriest thy content,  
And tender churl mak'st waste in niggarding:  
Pity the world, or else this glutton be,  
To eat the world's due, by the grave and thee.  
When forty winters shall besiege thy brow,  
And dig deep trenches in thy beauty's field,  
Thy youth's proud livery so gazed on now,  
Will be a tattered weed of small worth held:  
Then being asked, where all thy beauty lies,  
Where all the treasure of thy lusty days;  
To say within thine own deep sunken eyes.
```

Line: 2 Col: 1

Upload Code as File Test against custom input

Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#)

Test case 0 Compiler Message Success

Test case 1 Success

ESP 05:49 p.m. 27/11/2020

In this challenge, we practice using the tail command to display the last  $n$  lines of a text file.

Display the last 20 lines of an input file.

**Input Format**

A text file.

**Constraints**

Output the last 20 lines of the text file.

**Sample Input**

```
From fairest creatures we desire increase,  
That thereby beauty's rose might never die,  
But as the riper should by time decease,  
His tender heir might bear his memory:  
But thou contracted to thine own bright eyes,  
Feed'st thy light's flame with self-substantial fuel,  
Making a famine where abundance lies,  
Thy self thy foe, to thy sweet self too cruel:  
Thou that art now the world's fresh ornament,  
And only herald to the gaudy spring,  
Within thine own bud buried thy content,  
And tender churl mak'st waste in niggarding:  
Pity the world, or else this gluton be,  
To eat the world's due, by the grave and thee.  
When forty winters shall besiege thy brow,  
And dig deep trenches in thy beauty's field,  
Thy youth's proud livery so gazed on now,  
Will be a tattered weed of small worth held.
```

**Sample Output**

```
ent with the area.
```

Line: 3 Col: 1

Upload Code as File Test against custom input

Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0 Compiler Message Success

ESP 05:51 p.m. 27/11/2020

In this challenge, we practice using the tail command to display the last  $n$  characters of a text file.

Display the last 20 characters of an input file.

**Input Format**

A text file.

**Output Format**

Output the last 20 characters of the text file.

**Sample Input**

```
New York is a state in the Northeastern and Mid-Atlantic regions of the United States. It is the third-most populous state in the country, and the 11th-most extensive. New York is bordered by Connecticut to the east, Massachusetts to the northeast, Vermont to the north, New Hampshire and the White Mountains to the northwest, and Pennsylvania to the west. The state also has a short border with the Canadian province of Quebec to the northwest. About one third of all the battles of the Revolutionary War took place in New York. The state's capital is Albany, and its largest city is New York City.
```

**Sample Output**

```
ent with the area.
```

Line: 2 Col: 1

Upload Code as File Test against custom input

Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0 Compiler Message Success

ESP 05:52 p.m. 27/11/2020

In this challenge, we practice using the tr command because it is a useful translation tool in Linux.

In a given fragment of text, replace all parentheses ( ) with box brackets [ ].

**Input Format**

A block of ASCII text.

**Output Format**

Output the text with all parentheses ( ) replaced with box brackets [ ].

**Sample Input**

```
int i=(int)5.8  
(23 + 5)*2
```

**Sample Output**

```
int i=[int]5.8  
[23 + 5]*2
```

Line: 1 Col: 13

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#) Next Challenge

Test case 0 Compiler Message Success

ESP 05:53 p.m. 27/11/2020

In this challenge, we practice using the tr command because it is a useful translation tool in Linux.

In a given fragment of text, delete all the lowercase characters a – z.

**Input Format**

A block of ASCII text.

**Output Format**

Delete all the lowercase characters in the given block of text.

**Sample Input**

```
Hello  
World  
how are you
```

**Sample Output**

```
H  
W
```

Line: 2 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#) Next Challenge

Test case 0 Compiler Message Success  
Test case 1 Compiler Message Success  
Test case 2 Compiler Message Success  
input (stdin) Hello Download

ESP 05:54 p.m. 27/11/2020

In a given fragment of text, replace all sequences of multiple spaces with just one space.

**Input Format**

A block of ASCII text.

**Output Format**

Replace all sequences of multiple spaces with just one space.

**Sample Input**

```
He llo
Wor ld
how are you
```

**Sample Output**

```
He llo
Wor ld
how are you
```

Upload Code as File   Test against custom input

Run Code   Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0   Compiler Message   Success

Test case 1   Input (stdin)   Download

Test case 2   Input (stdin)

He llo

ESP 05:56 p. m. 27/11/2020

In this challenge, we practice using the sort command to sort input in text or TSV formats.

Given a text file, order the lines in lexicographical order.

**Input Format**

A text file.

**Output Format**

Output the text file with the lines reordered in lexicographical order.

**Sample Input**

```
Dr. Rajendra Prasad    January 26, 1950    May 13, 1962
Dr. S. Radhakrishnan   May 13, 1962    May 13, 1967
Dr. Zakir Hussain     May 13, 1967    August 24, 1969
Shri Varahagiri Venkata Giri    August 24, 1969 August 24, 1974
Shri Fakhruddin Ali Ahmed    August 24, 1974 February 11, 1977
Shri Neelam Sanjiva Reddy    July 25, 1977    July 25, 198
```

**Sample Output**

```
Dr. Rajendra Prasad    January 26, 1950    May 13, 1962
Dr. S. Radhakrishnan   May 13, 1962    May 13, 1967
Dr. Zakir Hussain     May 13, 1967    August 24, 1969
Shri Fakhruddin Ali Ahmed    August 24, 1974 February 11, 1977
Shri Neelam Sanjiva Reddy    July 25, 1977    July 25, 198
Shri Varahagiri Venkata Giri    August 24, 1969 August 24, 1974
```

Upload Code as File   Test against custom input

Run Code   Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0   Compiler Message   Success

Test case 1   Input (stdin)   Download

Test case 2   Input (stdin)

Dr. Rajendra Prasad January 26, 1950

ESP 05:56 p. m. 27/11/2020

In this challenge, we practice using the sort command to sort input in text or TSV formats.

Given a text file, order the lines in reverse lexicographical order (i.e. Z-A instead of A-Z).

**Input Format**

A text file.

**Output Format**

Output the text file with the lines reordered in reverse lexicographical order.

**Sample Input**

```
Dr. Rajendra Prasad    January 26, 1950    May 13, 1962
Dr. S. Radhakrishnan   May 13, 1962    May 13, 1967
Dr. Zakir Hussain     May 13, 1967    August 24, 1969
Shri Varahagiri Venkata Giri    August 24, 1969 August 24, 1974
Shri Fakhruddin Ali Ahmed    August 24, 1974 February 11, 1977
Shri Neelam Sanjiva Reddy    July 25, 1977    July 25, 198
```

**Sample Output**

```
Shri Varahagiri Venkata Giri    August 24, 1969 August 24, 1974
Shri Neelam Sanjiva Reddy    July 25, 1977    July 25, 198
Shri Fakhruddin Ali Ahmed    August 24, 1974 February 11, 1977
Dr. Zakir Hussain     May 13, 1967    August 24, 1969
Dr. S. Radhakrishnan   May 13, 1962    May 13, 1967
```

Line: 2 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#) Next Challenge

Test case 0 Compiler Message Success

ESP 05:57 p.m. 27/11/2020

In this challenge, we practice using the sort command to sort input in text or TSV formats.

You are given a text file where each line contains a number. The numbers may be either an integer or have decimal places. There will be no extra characters other than the number or the newline at the end of each line. Sort the lines in ascending order - so that the first line holds the numerically smallest number, and the last line holds the numerically largest number.

**Input Format**

A text file where each line contains a positive number (less than 100) as described above.

**Output Format**

Output the text file with the lines reordered in numerically ascending order.

**Sample Input**

```
9.1
43.7
2.2
62.1
2.1
9.3
43.5
4.6
44.6
4.7
42.7
```

Line: 2 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#) Next Challenge

Test case 0 Compiler Message Success

ESP 05:58 p.m. 27/11/2020

[←](#) [→](#) [C](#) [hackerrank.com/challenges/text-processing-sort-4/problem?h\\_r%5B%5D=next-challenge&h\\_r%5B%5D=next-challenge&h\\_r%5B%5D=next-challenge&h\\_v%...\[F\]\(#\) \[S\]\(#\) \[P\]\(#\) \[A\]\(#\) \[M\]\(#\) \[E\]\(#\) \[X\]\(#\)](#)

**HackerRank** Practice > Linux Shell > Text Processing > Sort Command #4

**Problem**

You are given a file of text, where each line contains a number (which may be either an integer or have decimal places). There will be no extra characters other than the number or the newline at the end of each line. Sort the lines in **descending order** - such that the first line holds the (numerically) largest number and the last line holds the (numerically) smallest number.

**Input Format**

A text file where each line contains a number as described above.

**Output Format**

The text file, with lines re-ordered in **descending order** (numerically).

**Sample Input**

```
9.1
43.7
2.2
62.1
2.1
9.3
43.5
4.6
44.6
4.7
42.7
47.4
46.6
4.5
55.6
```

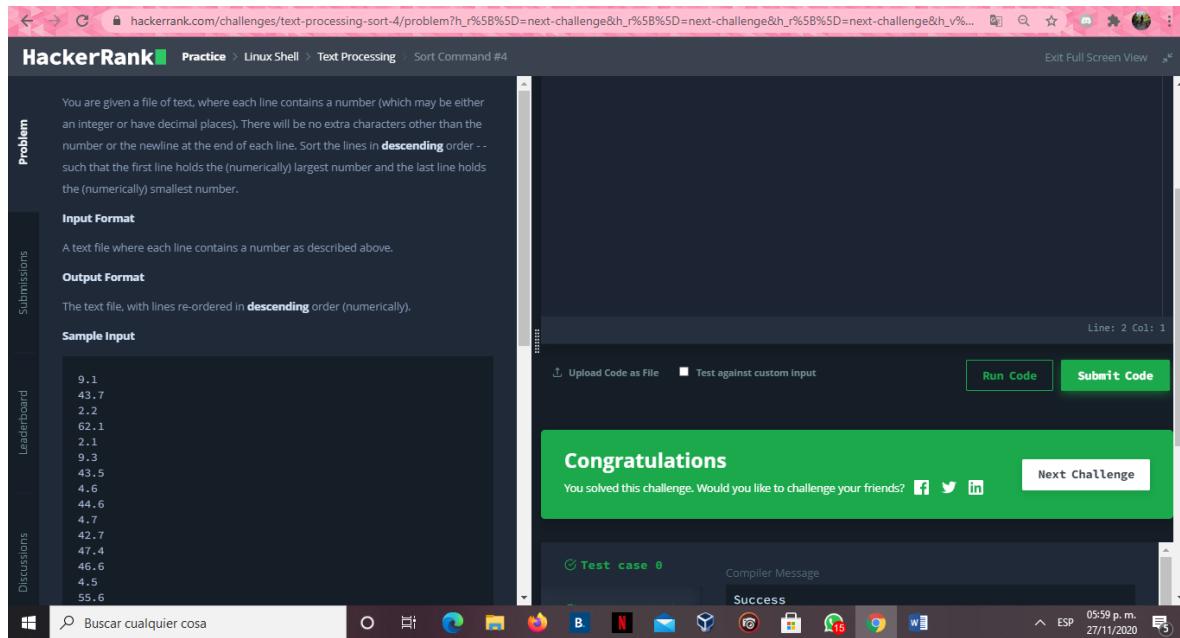
[Upload Code as File](#)  Test against custom input [Run Code](#) [Submit Code](#)

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [F](#) [T](#) [L](#) [Next Challenge](#)

[Test case 0](#) Compiler Message Success

ESP 05:59 p.m. 27/11/2020

Buscar cualquier cosa



[←](#) [→](#) [C](#) [hackerrank.com/challenges/text-processing-sort-5/problem?h\\_r%5B%5D=next-challenge&h\\_r%5B%5D=next-challenge&h\\_r%5B%5D=next-challenge&h\\_v%...\[F\]\(#\) \[S\]\(#\) \[P\]\(#\) \[A\]\(#\) \[M\]\(#\) \[E\]\(#\) \[X\]\(#\)](#)

**HackerRank** Practice > Linux Shell > Text Processing > Sort Command #5

**Problem**

You are given a file of text, which contains temperature information about American cities, in TSV (tab-separated) format. The first column is the name of the city and the next four columns are the average temperature in the months of Jan, Feb, March and April (see the sample input). Rearrange the rows of the table in **descending order** of the values for the average temperature in January.

**Input Format**

A text file where each line contains a row of data as described above.

**Output Format**

Rearrange the rows of the table in **descending order** of the values for the average temperature in January (i.e., the mean temperature value provided in the second column).

**Sample Input 0**

```
Albany, N.Y. 22.2 46.6 71.1 49.3 38.60 136
Albuquerque, N.M. 35.7 55.6 78.5 57.3 9.47 68
Anchorage, Alaska 15.8 36.3 58.4 34.1 16.08 11
Asheville, N.C. 35.8 54.1 73.8 55.2 47.07 126
Atlanta, Ga. 42.7 61.6 80.0 62.8 50.20 115
Atlantic City, N.J. 32.1 50.6 75.3 55.1 40.59
Austin, Texas 58.2 68.3 84.2 70.6 33.65 85
Baltimore, Md. 32.3 53.2 76.5 55.4 41.94 115
Baton Rouge, La. 50.1 66.6 81.7 68.1 63.68 116
Billings, Mont. 24.0 46.1 72.9 48.1 14.77 96
Birmingham, Ala. 42.6 61.3 80.2 62.9 53.99 111
Bismarck, N.D. 10.2 43.3 70.4 45.2 16.84 96
```

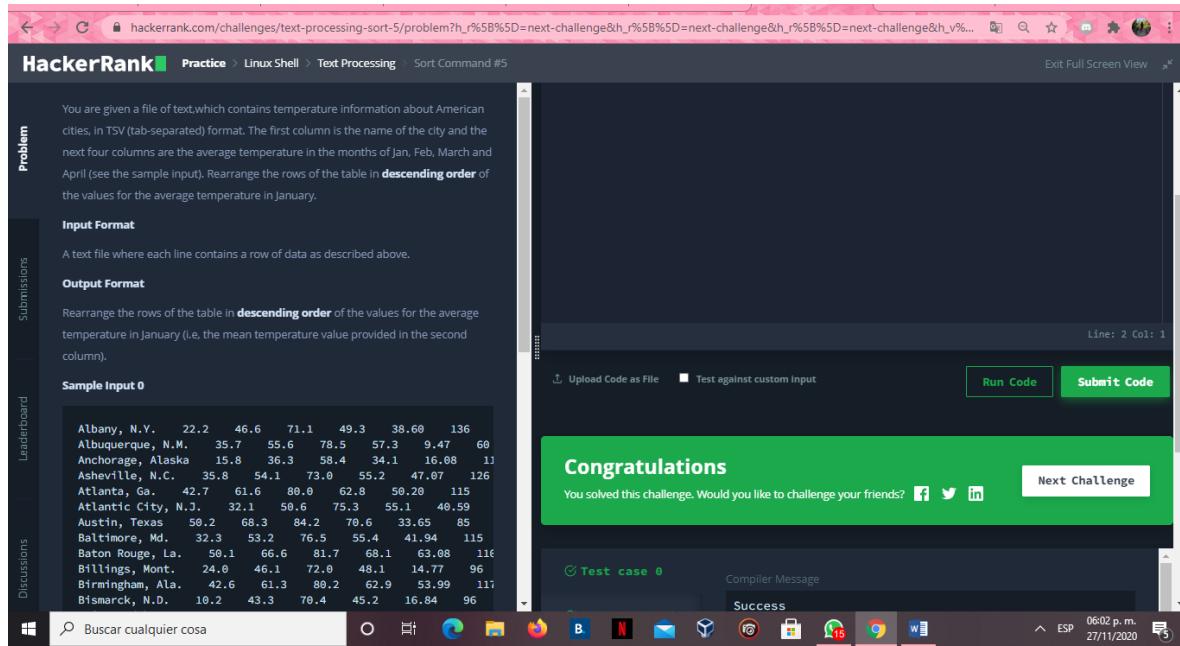
[Upload Code as File](#)  Test against custom input [Run Code](#) [Submit Code](#)

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [F](#) [T](#) [L](#) [Next Challenge](#)

[Test case 0](#) Compiler Message Success

ESP 06:02 p.m. 27/11/2020

Buscar cualquier cosa



hackerrank.com/challenges/text-processing-sort-6/problem?h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_v%... Exit Full Screen View

HackerRank Practice > Linux Shell > Text Processing > 'Sort' command #6

(7) Facebook | Recibidos (88) | Recuperación | Meet - tir | Tale of the Nix | HackerRank Test | 'Sort' command | posh/HACKER | +

hackerrank.com/challenges/text-processing-sort-7/problem?h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_v%... Exit Full Screen View

HackerRank Practice > Linux Shell > Text Processing > 'Sort' command #7

Exit Full Screen View

**Problem**

You are given a file of **pipe-delimited** weather data (TSV). There is no header column in this data file. The first five columns of this data are: (a) the name of the city (b) the average monthly temperature in Jan (in Fahrenheit). (c) the average monthly temperature in April (in Fahrenheit). (d) the average monthly temperature in July (in Fahrenheit). (e) the average monthly temperature in October (in Fahrenheit).

You need to sort this file in **descending order** of the second column (i.e. the average monthly temperature in January).

**Input Format**

A text file with multiple lines of **pipe-delimited** data. The first five fields have been explained above.

**Output Format**

Sort the data in descending order of the average monthly temperature in January.

**Sample Input**

```
Albany, N.Y.|22.2|46.6|71.1|49.3|38.60|136|64.4|57  
Albuquerque, N.M.|35.7|55.6|78.5|57.3|9.47|60|11.0|64  
Anchorage, Alaska|15.8|36.3|58.4|34.1|16.08|115|70.8|39 / 60  
Asheville, N.C.|35.8|54.1|73.0|55.2|47.07|126|15.3|39  
Atlanta, Ga.|42.7|61.6|80.0|62.8|59.20|115|2.1|69 / 65  
Atlantic City, N.J.|32.1|59.6|75.3|55.1|49.59|113|16.2|60 / 54  
Austin, Texas|50.2|68.3|84.2|70.6|33.65|85|0.9|62 / 53  
Baltimore, Md.|32.3|53.2|76.5|55.4|41.94|115|21.5|53  
Baton Rouge, La.|50.1|66.6|81.7|68.1|63.08|118|8.2|52 / 46  
Billings, Mont.|24.0|46.1|72.0|48.1|14.77|96|56.9|69  
Birmingham, Ala.|42.6|61.3|89.2|62.9|53.9|117|11|56.0
```

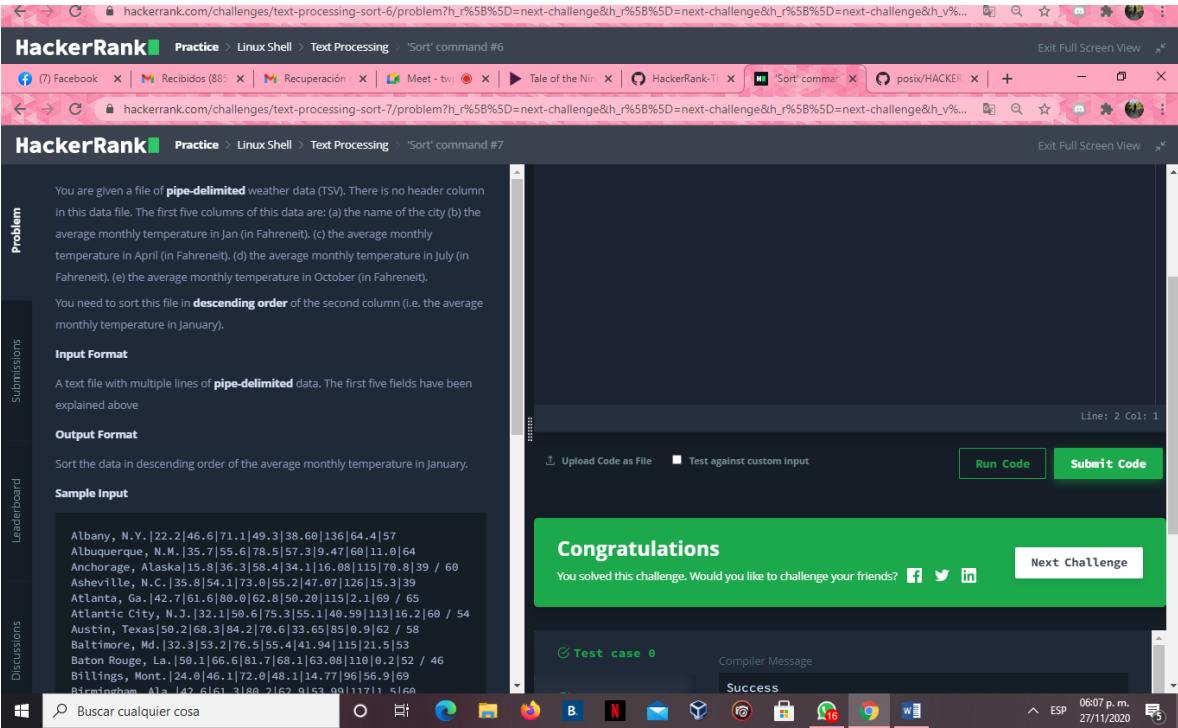
Upload Code as File  Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? Next Challenge

Test case 0 Compiler Message Success

ESP 06:07 p.m.  
27/11/2020

Buscar cualquier cosa



In this challenge, we practice using the uniq command to eliminate consecutive repetitions of a line when a text file is piped through it.

Given a text file, remove the consecutive repetitions of any line.

**Sample Input**

```
00
00
01
01
00
00
02
02
```

**Sample Output**

```
00
01
00
02
```

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#) [Next Challenge](#)

Line: 1 Col: 5

Upload Code as File Test against custom input Run Code Submit Code

Test case 0 Compiler Message Success

Test case 1 Success

ESP 06:08 p.m. 27/11/2020

In this challenge, we practice using the uniq command to eliminate consecutive repetitions of a line when a text file is piped through it.

Given a text file, count the number of times each line repeats itself. Only consider consecutive repetitions. Display the space separated count and line, respectively. There shouldn't be any leading or trailing spaces. Please note that the uniq -c command by itself will generate the output in a different format than the one expected here.

**Sample Output**

**Explanation**

**Sample Input**

```
00
00
01
01
00
00
02
02
03
aa
aa
aa
```

**Sample Output**

```
2 00
2 01
1 00
1 02
1 03
3 aa
```

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [Facebook](#) [Twitter](#) [LinkedIn](#) [Next Challenge](#)

Line: 2 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

Test case 0 Compiler Message Success

Test case 1 Success

ESP 06:09 p.m. 27/11/2020

A screenshot of a solved challenge on the HackerRank platform. The challenge is titled "Text Processing in Linux: The uniq command - 3". The "Problem" tab is selected. The problem statement asks to count the number of times each line repeats itself in a text file, separated by a space. It notes that consecutive repetitions should be counted as one. The sample input shows a text file with lines: 00, 00, 01, 01, 00, 00, 02, 02, 03, aa, AA, Aa. The sample output shows the result: 00 2, 01 2, 00 2, 02 2, 03 1, aa 1, AA 1, Aa 1. The code editor shows the following C code:

```
#include <cs50.h>
#include <stdio.h>

int main(void)
{
    string line = get_string("Line: ");
    int count = 1;
    int i = 0;
    while (i < strlen(line))
    {
        if (line[i] == line[i + 1])
        {
            count++;
        }
        else
        {
            printf("%c %d\n", line[i], count);
            count = 1;
        }
        i++;
    }
}
```

The submission was successful, with a green "Success" message for both test cases. The status bar at the bottom right shows the date and time: ESP 06:10 p.m. 27/11/2020.

A screenshot of a solved challenge on the HackerRank platform. The challenge is titled "Text Processing in Linux: The uniq command - 4". The "Problem" tab is selected. The problem statement asks to display only those lines which are **not** followed or preceded by identical replications. The sample input shows a text file with lines: A00, a00, 01, 01, 00, 00, 02, 02, A00, 03, aa, aa, aa. The sample output shows the result: A00, a00, A00, 03. The code editor shows the following C code:

```
#include <cs50.h>
#include <stdio.h>

int main(void)
{
    string line = get_string("Line: ");
    int count = 1;
    int i = 0;
    while (i < strlen(line))
    {
        if (line[i] == line[i + 1])
        {
            count++;
        }
        else
        {
            if (count == 1)
            {
                printf("%c\n", line[i]);
            }
            else
            {
                printf("%c %d\n", line[i], count);
            }
            count = 1;
        }
        i++;
    }
}
```

The submission was successful, with a green "Success" message for both test cases. The status bar at the bottom right shows the date and time: ESP 06:11 p.m. 27/11/2020.

Given a CSV file where each row contains the name of a city and its state separated by a comma, your task is to replace the newlines in the file with tabs as demonstrated in the sample.

**Input Format**

You are given a CSV file where each row contains the name of a city and its state separated by a comma.

**Output Format**

Replace the newlines in the input with tabs as demonstrated in the sample.

**Sample Input**

```
Albany, N.Y.  
Albuquerque, N.M.  
Anchorage, Alaska  
Asheville, N.C.  
Atlanta, Ga.  
Atlantic City, N.J.  
Austin, Texas  
Baltimore, Md.  
Baton Rouge, La.  
Billings, Mont.  
Birmingham, Ala.  
Bismarck, N.D.  
Boise, Idaho  
Boston, Mass.  
Bridgeport, Conn.
```

https://www.hackerrank.com/challenges/paste-3/problem?h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_v%5B%5D=zen&h...

Exit Full Screen View

Line: 2 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0 Compiler Message Success

ESP 06:12 p.m. 27/11/2020

Given a CSV file where each row contains the name of a city and its state separated by a comma, your task is to restructure the file in such a way, that three consecutive rows are folded into one, and separated by tab.

**Input Format**

You are given a CSV file where each row contains the name of a city and its state separated by a comma.

**Output Format**

Restructure the file in such a way, that every group of three consecutive rows are folded into one, and separated by tab.

**Sample Input**

```
Albany, N.Y.  
Albuquerque, N.M.  
Anchorage, Alaska  
Asheville, N.C.  
Atlanta, Ga.  
Atlantic City, N.J.  
Austin, Texas  
Baltimore, Md.  
Baton Rouge, La.  
Billings, Mont.  
Birmingham, Ala.  
Bismarck, N.D.  
Boise, Idaho  
Boston, Mass.  
Bridgeport, Conn.
```

https://www.hackerrank.com/challenges/paste-4/problem?h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_r%5B%5D=next-challenge&h\_v%5B%5D=zen&h...

Exit Full Screen View

Line: 2 Col: 1

Upload Code as File Test against custom input Run Code Submit Code

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0 Compiler Message Success

ESP 06:12 p.m. 27/11/2020

In this challenge, we practice using the paste command to merge lines of a given file.

You are given a CSV file where each row contains the name of a city and its state separated by a comma. Your task is to replace the newlines in the file with semicolons as demonstrated in the sample.

**Input Format**

You are given a CSV file where each row contains the name of a city and its state separated by a comma.

**Output Format**

Replace the newlines in the input file with semicolons as demonstrated in the sample.

**Sample Input**

```
Albany, N.Y.  
Albuquerque, N.M.  
Anchorage, Alaska  
Asheville, N.C.  
Atlanta, Ga.  
Atlantic City, N.J.  
Austin, Texas  
Baltimore, Md.  
Baton Rouge, La.  
Billings, Mont.  
Birmingham, Ala.  
Bismarck, N.D.  
Boise, Idaho  
Boston, Mass.
```

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0 Compiler Message Success

ESP 06:13 p.m. 27/11/2020

In this challenge, we practice using the paste command to merge lines of a given file.

You are given a CSV file where each row contains the name of a city and its state separated by a comma. Your task is to restructure the file so that three consecutive rows are folded into one line and are separated by semicolons.

**Input Format**

You are given a CSV file where each row contains the name of a city and its state separated by a comma.

**Output Format**

Restructure the file so that three consecutive rows are folded into one line and are separated by semicolons.

**Sample Input**

```
Albany, N.Y.  
Albuquerque, N.M.  
Anchorage, Alaska  
Asheville, N.C.  
Atlanta, Ga.  
Atlantic City, N.J.  
Austin, Texas  
Baltimore, Md.  
Baton Rouge, La.  
Billings, Mont.  
Birmingham, Ala.  
Bismarck, N.D.  
Boise, Idaho
```

**Congratulations**  
Congrats VERANIA FLORES! You just solved all the Text Processing challenges in Linux Shell!

Share with your friends: [f](#) [t](#) [in](#)

**Congratulations**  
You solved this challenge. Would you like to challenge your friends? [f](#) [t](#) [in](#)

Test case 0 Compiler Message Success

ESP 06:13 p.m. 27/11/2020

[←](#) [→](#) [C](#) [hackerrank.com/challenges/sed-command-5/problem?h\\_r%5B%5D=next-challenge&h\\_r%5B%5D=next-challenge&h\\_r%5B%5D=next-challenge&h\\_y%5B%5D... !\[\]\(675bf7eeee97278f4c2dad0fae9ab93c\_img.jpg\) !\[\]\(7fc2f68205cbe877633d1061d3ddb063\_img.jpg\) !\[\]\(e01927367f943c88f4f5f5abd1fa27ae\_img.jpg\) !\[\]\(9cb6e1c8f831219d9875a97d0abdc0d9\_img.jpg\) !\[\]\(bf07ba2c3fc795583ffa51208c0d1600\_img.jpg\) !\[\]\(9dce50116c553ac24ccf31d7897922b0\_img.jpg\)](#)

**HackerRank** Practice > Linux Shell > Grep Sed Awk > 'Sed' command #5

Exit Full Screen View 

**Problem**

Sed is a popular utility which enables quick parsing and transformation of text.

Here are some very simple examples of sed in action.

Substitute the first occurrence of 'editor' with 'tool'.

```
$:/~/hackerrank/bash/grep/grep1$ echo "My favorite programming editor is Emacs. Another editor I like is Vim." | sed -e 's/editor/tool/g'
```

Substitute all the occurrences of 'editor' with 'tool'.

```
$:/~/hackerrank/bash/grep/grep1$ echo "My favorite programming editor is Emacs. Another tool I like is Vim." | sed -e 's/editor/tool/g' | sed -e 's/editor/tool/g'
```

Substitute the second occurrence of 'editor' with 'tool'.

```
$:/~/hackerrank/bash/grep/grep1$ echo "My favorite programming editor is Emacs. Another tool I like is Vim." | sed -e 's/editor/tool/g' | sed -e 's/editor/tool/g'
```

Highlight all the occurrences of 'editor' by wrapping them up in brace brackets.

```
$:/~/hackerrank/bash/grep/grep1$ echo "My favorite programming {editor} is Emacs. Another {editor} I like is Vim." | sed -e 's/{editor}/{{editor}}/g'
```

Some references for learning about sed have been included:

**Submissions**

**Leaderboard**

**Discussions**



**Congratulations**

You solved this challenge. Would you like to challenge your friends?    

**Test case 0** Compiler Message: Success

**Test case 1**

**Test case 2**

Input (stdin): 1 1234 5678 9101 1234

Download

ESP 06:15 p.m. 27/11/2020 