

Segue stream training - Further x Find the Runner-Up Score! | HackerRank x +

hackerank.com/challenges/find-second-maximum-number-in-a-list/problem?isFullScreen=true

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HackerRank

Prepare > Python > Basic Data Types > Find the Runner-Up Score!

Exit Full Screen View

Upload Code as File Test against custom input

Problem

Given the participants' score sheet for your University Sports Day, you are required to find the runner-up score. You are given n scores. Store them in a list and find the score of the runner-up.

Input Format

The first line contains n . The second line contains an array $A[]$ of n integers each separated by a space.

Constraints

- $2 \leq n \leq 10$
- $-100 \leq A[i] \leq 100$

Output Format

Print the runner-up score.

Sample Input 0

```
5
2 3 6 6 5
```

Sample Output 0

```
5
```

Explanation 0

Congratulations

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

Test case 0 [lock](#)

Test case 1 [lock](#)

Test case 2 [lock](#)

Test case 3 [lock](#)

Test case 4 [lock](#)

Test case 5 [lock](#)

Test case 6 [lock](#)

Compiler Message

Success

Input (stdin) [Download](#)

```
1 5
2 2 3 6 6 5
```

Expected Output [Download](#)

```
1 5
```

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09:42 PM 13-09-2023

Segue stream training - Further x Nested Lists | HackerRank x +

hackerank.com/challenges/nested-list/problem?isFullScreen=true

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HackerRank

Prepare > Python > Basic Data Types > Nested Lists

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Problem

Given the names and grades for each student in a class of N students, store them in a nested list and print the name(s) of any student(s) having the second lowest grade.

Note: If there are multiple students with the second lowest grade, order their names alphabetically and print each name on a new line.

Example

```
records = [{"chi", 20.0}, {"beta", 50.0}, {"alpha", 50.0}]
```

The ordered list of scores is $[20.0, 50.0]$, so the second lowest score is 50.0. There are two students with that score: $["beta", "alpha"]$. Ordered alphabetically, the names are printed as:

```
alpha
beta
```

Input Format

The first line contains an integer, N , the number of students.

The $2N$ subsequent lines describe each student over 2 lines.

- The first line contains a student's name.
- The second line contains their grade.

Constraints

- $2 \leq N \leq 5$
- There will always be one or more students having the second lowest grade.

Congratulations

You have earned 10.00 points! You are now 79 points away from the gold level for your python badge. 56% 321/400

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Test case 0 [lock](#)

Test case 1 [lock](#)

Test case 2 [lock](#)

Test case 3 [lock](#)

Test case 4 [lock](#)

Compiler Message

Success

Hidden Test Case

Unlock this test case for 5 hacks.

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Segue stream training - Further x Finding the percentage | HackerRank x

hackerank.com/challenges/finding-the-percentage/problem?isFullScreen=true

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HackerRank

Prepare > Python > Basic Data Types > Finding the percentage

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Leaderboard

```
3
Krishna 67 68 69
Arjun 70 98 63
Malika 52 56 60
Malika
```

Discussions

Sample Output 0

```
56.00
```

Editorial

Explanation 0

Marks for Malika are {52, 56, 60} whose average is $\frac{52+56+60}{3} \Rightarrow 56$

Tutorial

Sample Input 1

```
2
Harsh 25 26.5 28
Anurag 26 28 30
Harsh
```

Sample Output 1

```
26.50
```

You have earned 10.00 points!

You are now 69 points away from the gold level for your python badge. 62% 331/400

Congratulations

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

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Compiler Message

Success

Input (stdin)

```
1 3
2 Krishna 67 68 69
3 Arjun 70 98 63
4 Malika 52 56 60
5 Malika
```

Expected Output

```
1 56.00
```

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Segue stream training - Further x Lists | HackerRank x

hackerank.com/challenges/python-lists/problem?isFullScreen=true

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HackerRank

Prepare > Python > Basic Data Types > Lists

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Leaderboard

- The elements added to the list must be integers.

Output Format

For each command of type print, print the list on a new line.

Sample Input 0

```
12
insert 0 5
insert 1 10
insert 0 6
print
remove 6
append 9
append 1
sort
print
pop
reverse
print
```

Sample Output 0

```
[6, 5, 10]
[1, 5, 9, 10]
[9, 5, 1]
```

Discussions

Editorial

Tutorial

You have earned 10.00 points!

You are now 59 points away from the gold level for your python badge. 67% 341/400

Congratulations

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

Test case 0

Test case 1

Compiler Message

Success

Input (stdin)

```
1 12
2 insert 0 5
3 insert 1 10
4 insert 0 6
5 print
6 remove 6
7 append 9
8 append 1
9 sort
```

Type here to search

10:32 PM 13-09-2023

Segue stream training - Further x Tuples | HackerRank x +

hackerank.com/challenges/python-tuples/problem?isFullScreen=true

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HackerRank Prepare > Python > Basic Data Types > Tuples Exit Full Screen View

Task
Given an integer, n , and n space-separated integers as input, create a tuple, t , of those n integers. Then compute and print the result of $hash(t)$.
Note: `hash()` is one of the functions in the `__builtins__` module, so it need not be imported.

Input Format
The first line contains an integer, n , denoting the number of elements in the tuple. The second line contains n space-separated integers describing the elements in tuple t .

Output Format
Print the result of $hash(t)$.

Sample Input 0
2
1 2

Sample Output 0
3713081631934410656

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

Test case 0 **Test case 1**

Compiler Message
Success

Input (stdin) [Download](#)
1 2
1 2

Expected Output [Download](#)
1 3713081631934410656

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Segue stream training - Further x sWAP cASE | HackerRank x +

hackerank.com/challenges/swap-case/problem?isFullScreen=true

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HackerRank Prepare > Python > Strings > sWAP cASE Exit Full Screen View

Problem
You are given a string and your task is to swap cases. In other words, convert all lowercase letters to uppercase letters and vice versa.

For Example:
www.hackerRank.com → WWW.HACKERANK.COM
Pythonist 2 → pYTHONIST 2

Function Description
Complete the `swap_case` function in the editor below.
`swap_case` has the following parameters:
• string s : the string to modify

Returns
• string: the modified string

Input Format
A single line containing a string s .

Constraints
 $0 < \text{len}(s) \leq 1000$

Sample Input 0
HackerRank.com presents "Pythonist 2".

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

Test case 0 **Test case 1** **Test case 2** **Test case 3** **Test case 4** **Test case 5**

Compiler Message
Success

Input (stdin) [Download](#)
1 HackerRank.com presents "Pythonist 2".

Expected Output [Download](#)
1 hACKERrANK.COM PRESENTS "pYTHONIST 2".

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The image shows a web browser window displaying the HackerRank challenge page for 'String Split and Join'. The browser's address bar shows the URL 'hackerrank.com/challenges/python-string-split-and-join/problem?isFullScreen=true'. The page has a dark theme. On the left, there is a sidebar with navigation links: 'Submissions', 'Leaderboard', 'Discussions', and 'Editorial'. The main content area is divided into two columns. The left column contains the problem description, task instructions, function description, returns, input format, sample input, and sample output. The right column shows the solution editor with a code editor, a 'Test against custom input' button, and a 'Test case 0' section. The 'Test case 0' section displays the compiler message 'Success' and the input/output for the test case. The input is 'this is a string' and the output is 'this-is-a-string'. The bottom of the image shows a Windows taskbar with various icons and the system clock indicating 11:08 PM on 13-09-2023.