

LEAP CRM x SANSIP Dialer x Segue stream training - Further x Maximize It! | HackerRank x +

hackerank.com/challenges/maximize-it/problem?isFullScreen=true

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Prepare > Python > Itertools > Maximize It!

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Submissions

Leaderboard

Discussions

Editorial

Constraints

$1 \leq K \leq 7$
 $1 \leq M \leq 1000$
 $1 \leq N_i \leq 7$
 $1 \leq \text{Magnitude of elements in list} \leq 10^9$

Output Format

Output a single integer denoting the value S_{max} .

Sample Input

```
3 1000
2 5 4
3 7 8 9
5 5 7 8 9 10
```

Sample Output

```
206
```

Explanation

Picking 5 from the 1st list, 9 from the 2nd list and 10 from the 3rd list gives the maximum S value equal to $(5^2 + 9^2 + 10^2) \% 1000 = 206$.

You have earned 50.00 points!
51/115 challenges solved. 44%

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

Hidden Test Case

Unlock this test case for 5 hacks.

Unlock

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LEAP CRM x SANSIP Dialer x Segue stream training - Further x Zipped! | HackerRank x +

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Prepare > Python > Built-Ins > Zipped!

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Submissions

Leaderboard

Discussions

Editorial

90.0
91.0
82.0
90.0
85.5

Explanation

Marks obtained by **student 1**: 89, 90, 91
Average marks of **student 1**:
 $270/3 = 90$

Marks obtained by **student 2**: 90, 91, 92
Average marks of **student 2**:
 $273/3 = 91$

Marks obtained by **student 3**: 78, 85, 83
Average marks of **student 3**:
 $246/3 = 82$

Marks obtained by **student 4**: 93, 88, 89
Average marks of **student 4**:
 $270/3 = 90$

Marks obtained by **student 5**: 80, 86, 90.5
Average marks of **student 5**:
 $256.5/3 = 85.5$

Line: 7 Col: 28

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

You have earned 10.00 points!
52/115 challenges solved. 45%

Congratulations

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Test case 0 [🔒](#)
Test case 1 [🔒](#)
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Test case 3 [🔒](#)

Input (stdin)

```
1 5 3
2 89 90 78 93 80
3 90 91 85 88 86
```

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LEAP CRM x SANSIP Dialer x Segue stream training - Further x Athlete Sort | HackerRank

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

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Prepare > Python > Built-Ins > Athlete Sort

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Each element ≤ 1000

Output Format

Print the N lines of the sorted table. Each line should contain the space separated elements. Check the sample below for clarity.

Sample Input 0

```
5 3
10 2 5
7 1 0
9 9 9
1 23 12
6 5 9
1
```

Sample Output 0

```
7 1 0
10 2 5
6 5 9
9 9 9
1 23 12
```

Explanation 0

The details are sorted based on the second attribute, since K is zero-indexed.

Submissions

Leaderboard

Discussions

Editorial

You have earned 30.00 points!
53/115 challenges solved. 46%

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 5 3
2 10 2 5
3 7 1 0
4 9 9 9
5 1 23 12
6 6 5 9
7 1
```

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LEAP CRM x SANSIP Dialer x Segue stream training - Further x Any or All | HackerRank

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Prepare > Python > Built-Ins > Any or All

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The machine contains an integer N . N is the total number of integers in the list.

The second line contains the space separated list of N integers.

Constraints

$0 < N < 100$

Output Format

Print True if all the conditions of the problem statement are satisfied. Otherwise, print False.

Sample Input

```
5
12 9 61 5 14
```

Sample Output

```
True
```

Explanation

Condition 1: All the integers in the list are positive.

Condition 2: 5 is a palindromic integer.

Hence, the output is True.

Can you solve this challenge in 3 lines of code or less?

There is no penalty for solutions that are correct but have more than 3 lines.

Submissions

Leaderboard

Discussions

Editorial

You have earned 20.00 points!
54/115 challenges solved. 47%

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)

```
1 5
2 12 9 61 5 14
```

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Expected Output

```
1 True
```

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LEAP CRM x SANSIP Dialer x Segue stream training - Further x ginorts | HackerRank x +

hackerank.com/challenges/ginorts/problem?isFullScreen=true

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Prepare > Python > Built-Ins > ginorts

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Submissions

Leaderboard

Discussions

Editorial

Your task is to sort the string S in the following manner:

- All sorted lowercase letters are ahead of uppercase letters.
- All sorted uppercase letters are ahead of digits.
- All sorted odd digits are ahead of sorted even digits.

Input Format

A single line of input contains the string S .

Constraints

- $0 < \text{len}(S) < 1000$

Output Format

Output the sorted string S .

Sample Input

```
Sorting1234
```

Sample Output

```
ginortS1324
```

You have earned 40.00 points!
55/115 challenges solved. 48%

Congratulations

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

Test case 0 [Success](#)

Test case 1 [Success](#)

Test case 2 [Success](#)

Test case 3 [Success](#)

Test case 4 [Success](#)

Test case 5 [Success](#)

Compiler Message

Success

Input (stdin) [Download](#)

```
1 Sorting1234
```

Expected Output [Download](#)

```
1 ginortS1324
```

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LEAP CRM x SANSIP Dialer x Segue stream training - Further x Map and Lambda Function | Ha... x +

hackerank.com/challenges/map-and-lambda-expression/problem?isFullScreen=true

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Prepare > Python > Python Functionals > Map and Lambda Function

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Submissions

Leaderboard

Discussions

Editorial

Lambda functions cannot use the return statement and can only have a single expression. Unlike def, which creates a function and assigns it a name, lambda creates a function and returns the function itself. Lambda can be used inside lists and dictionaries.

Input Format

One line of input: an integer N .

Constraints

- $0 \leq N \leq 15$

Output Format

A list on a single line containing the cubes of the first N fibonacci numbers.

Sample Input

```
5
```

Sample Output

```
[0, 1, 1, 8, 27]
```

Explanation

The first 5 fibonacci numbers are [0, 1, 1, 2, 3], and their cubes are [0, 1, 1, 8, 27].

You have earned 20.00 points!
56/115 challenges solved. 49%

Congratulations

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

Test case 0 [Success](#)

Test case 1 [Success](#)

Test case 2 [Success](#)

Test case 3 [Success](#)

Test case 4 [Success](#)

Test case 5 [Success](#)

Compiler Message

Success

Input (stdin) [Download](#)

```
1 5
```

Expected Output [Download](#)

```
1 [0, 1, 1, 8, 27]
```

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LEAP CRM

SANSIP Dialer

Segue stream training - Further

Validating Email Addresses With a Filter

+

hackerrank.com/challenges/validate-list-of-email-address-with-filter/problem?isFullScreen=true

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Prepare > Python > Python Functionals > Validating Email Addresses With a Filter

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Submissions

Leaderboard

Discussions

Editorial

Complete the function fun in the editor below.

fun has the following parameters:

- string s: the string to test

Returns

- boolean: whether the string is a valid email or not

Input Format

The first line of input is the integer N , the number of email addresses.
 N lines follow, each containing a string.

Constraints

Each line is a non-empty string.

Sample Input

```
3
lara@hackerrank.com
brian-23@hackerrank.com
britts_54@hackerrank.com
```

Sample Output

```
['brian-23@hackerrank.com', 'britts_54@hackerrank.com', 'lara@hackerrank.com']
```

You have earned 20.00 points!

57/115 challenges solved.

50%

Congratulations

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

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)

```
3
lara@hackerrank.com
brian-23@hackerrank.com
britts_54@hackerrank.com
```

Expected Output

```
['brian-23@hackerrank.com', 'britts_54@hackerrank.com', 'lara@hackerrank.com']
```

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