

PRACTICE

COMPETE

JOBS

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opunnammani1 \square

Practice > Python > Numpy > Transpose and Flatten

Transpose and Flatten ☆

87/115 challenges solved Rank: 2848 | Points: 1695 ①



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Problem	Submissions	Leaderboard	Discussions	Editorial 🖰
Transpose				A
_	e transposition of an arr original array, but it will		y.transpose.	М S
import numpy				N
my_array = num	mpy.array([[1,2,3], [4,5,6]])			C
print numpy.t	ranspose(my_array)			
#Output				q
[[1 4] [2 5]				R
[3 6]]				
Flatten				N
The tool <i>flatten</i> crea	ates a copy of the input a	array flattened to one c	limension.	ı
import numpy				<u>.</u>
my_array = num	npy.array([[1,2,3],			-
print my_arra	[4,5,6]]) y.flatten()			
#Output [1 2 3 4 5 6]				
Task				
You are given a NX . columns).	$ extbf{ extit{M}}$ integer array matrix	with space separated e	lements (N = rows and	M =
Your task is to print	the <i>transpose</i> and <i>flatt</i>	en results.		

Author	DOSHI
Difficulty	Easy
Max Score	20
Submitted By	13057

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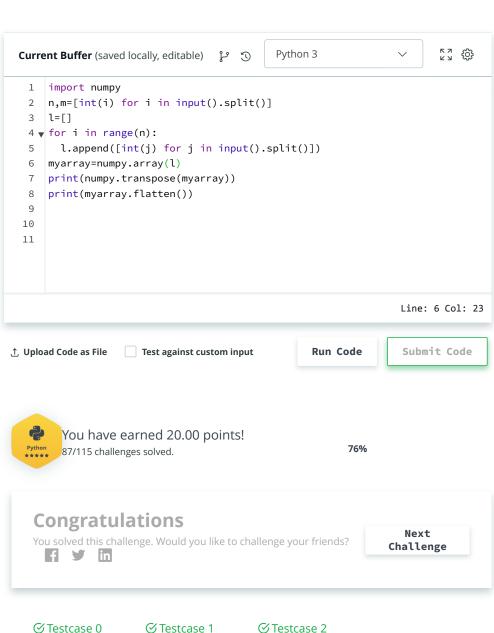
Input Format

The first line contains the space separated values of $m{N}$ and $m{M}$.

The next $m{N}$ lines contains the space separated elements of $m{M}$ columns.

Output Format

```
First, print the transpose array and then print the flatten.
Sample Input
  2 2
  1 2
  3 4
Sample Output
   [[1 3]
    [2 4]]
   [1 2 3 4]
```



Input (stdin)	Download	Expected Output	Download
2 2 1 2 3 4		[[1 3] [2 4]] [1 2 3 4]	
Compiler Message			

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