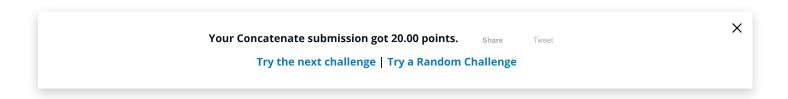
Concatenate *

Problem

Submissions

Leaderboard





Editorial 🖰

Concatenate Two or more arrays can be concatenated together using the concatenate function with a tuple of the arrays to be joined: import numpy $array_1 = numpy.array([1,2,3])$ $array_2 = numpy.array([4,5,6])$ $array_3 = numpy.array([7,8,9])$ print numpy.concatenate((array_1, array_2, array_3)) #Output [1 2 3 4 5 6 7 8 9] If an array has more than one dimension, it is possible to specify the axis along which multiple arrays are concatenated. By default, it is along the first dimension. import numpy $array_1 = numpy.array([[1,2,3],[0,0,0]])$ $array_2 = numpy.array([[0,0,0],[7,8,9]])$ print numpy.concatenate((array_1, array_2), axis = 1) #Output [[1 2 3 0 0 0] [0 0 0 7 8 9]]

Task

You are given two integer arrays of size NXP and MXP (N & M are rows, and P is the column). Your task is to concatenate the arrays along axis 0.

Input Format

The first line contains space separated integers $extbf{ extit{N}}, extbf{ extit{M}}$ and $extbf{ extit{P}}.$

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

After that, the next $m{M}$ lines contains the space separated elements of the $m{P}$ columns.

Output Format

Print the concatenated array of size (N+M)XP.

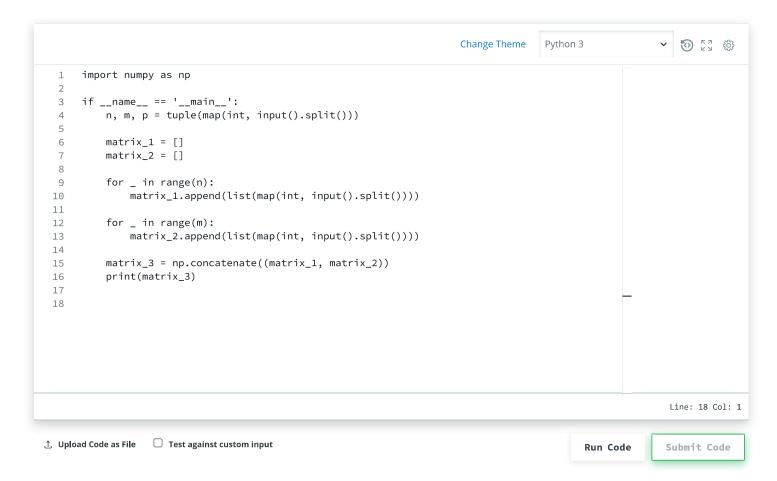
Sample Input

- 4 3 2
- 1 2
- 1 2 1 2
- 1 2

```
3 4
3 4
3 4
3 4

Sample Output

[[1 2]
   [1 2]
   [1 2]
   [1 2]
   [1 3]
   [3 4]
   [3 4]
   [3 4]
   [3 4]]
```



You have earned 20.00 points!





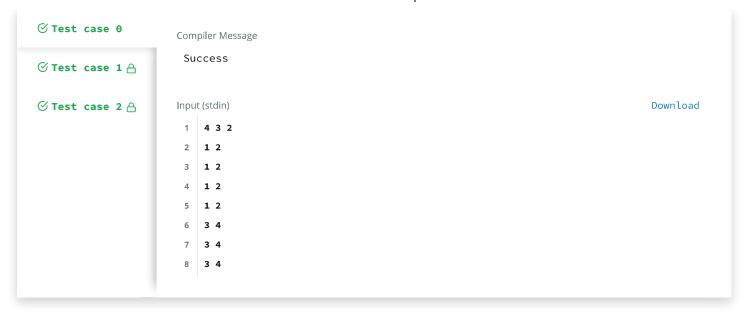
66/115 challenges solved.

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