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# **Concatenate** ☆

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Python \*\*\*\*

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Concatenate  Two or more arrays can be arrays to be joined:  import numpy  array_1 = numpy.ar  array_2 = numpy.ar	rray([1,2,3])	gether using the <i>conca</i>	<i>tenate</i> function with a t	cuple of the
arrays to be joined:  import numpy  array_1 = numpy.ar	rray([1,2,3])	gether using the <i>conca</i> i	tenate function with a t	tuple of the
array_1 = numpy.ar				
array_3 = numpy.ar				
print numpy.conca	tenate((array_1	., array_2, array_3	))	
#Output [1 2 3 4 5 6 7 8 9]				
If an array has more than are concatenated. By defa			e axis along which mul	ltiple arrays
import numpy				
array_1 = numpy.ar array_2 = numpy.ar				
print numpy.conca	tenate((array_1	., array_2), axis =	1)	
#Output [[1 2 3 0 0 0] [0 0 0 7 8 9]]				

Author	DOSHI
Difficulty	Easy
Max Score	20
Submitted By	11038

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#### Task

You are given two integer arrays of size  $N \times P$  and  $M \times P$  ( $N \otimes M$  are rows, and P is the column). Your task is to *concatenate* the arrays along axis 0.

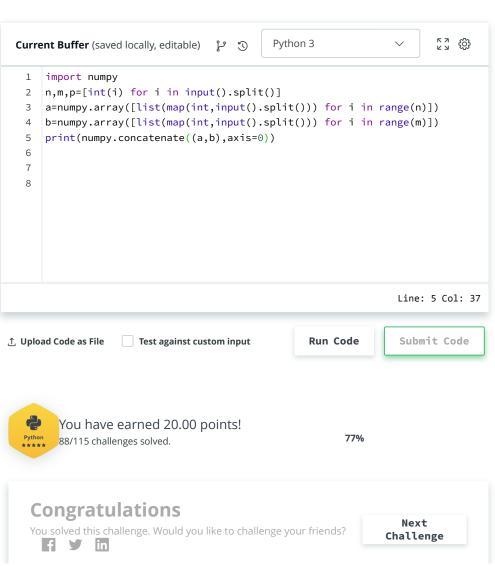
#### Input Format

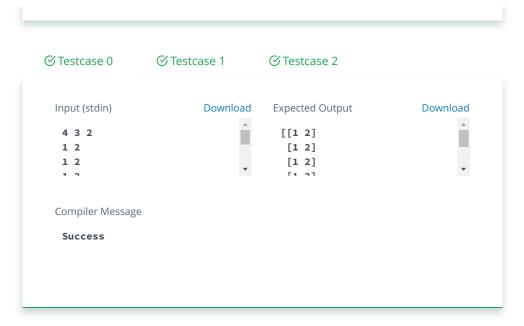
The first line contains space separated integers N, M and P.

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) \times P.
Sample Input
  4 3 2
  1 2
  1 2
  1 2
  1 2
  3 4
  3 4
  3 4
Sample Output
  [[1 2]
    [1 2]
    [1 2]
    [1 2]
    [3 4]
    [3 4]
    [3 4]]
```





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