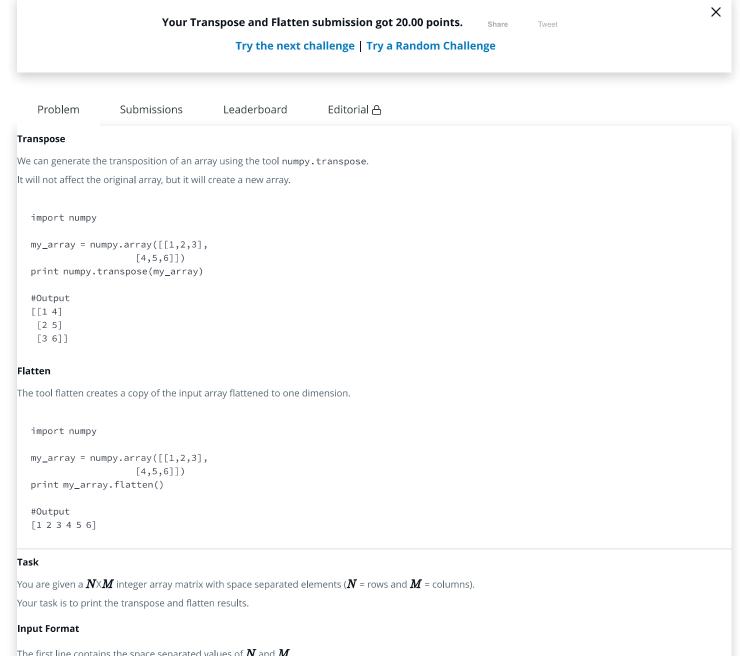
Transpose and Flatten ★



Q



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.

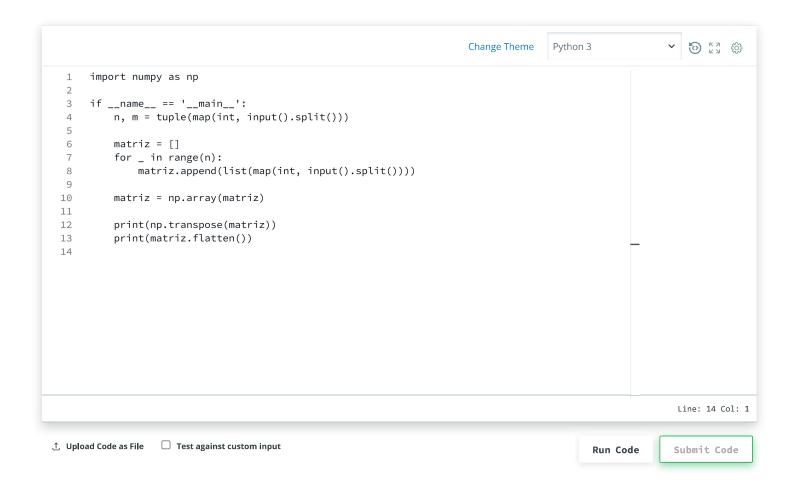
Output Format

First, print the transpose array and then print the flatten.

Sample Input

- 2 2
- 1 2
- 3 4

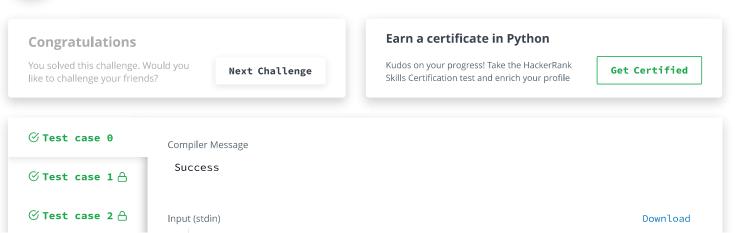
```
[[1 3]
        [2 4]]
        [1 2 3 4]
```



You have earned 20.00 points! 65/115 challenges solved.

57%





```
1 2 2
2 1 2
3 3 4

Expected Output Download
1 [[1 3]
2 [2 4]]
3 [1 2 3 4]
```

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