









X Your Inner and Outer submission got 20.00 points. Post Try the next challenge

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#### inner

The inner tool returns the inner product of two arrays.

```
import numpy
A = numpy.array([0, 1])
B = numpy.array([3, 4])
                           #Output: 4
print numpy.inner(A, B)
```

The outer tool returns the outer product of two arrays.

```
import numpy
A = numpy.array([0, 1])
B = numpy.array([3, 4])
print numpy.outer(A, B)
                            #Output : [[0 0]
                               [3 4]]
```

## Task

You are given two arrays:  $\boldsymbol{A}$  and  $\boldsymbol{B}$ .

Your task is to compute their inner and outer product.

## Input Format

The first line contains the space separated elements of array  $\boldsymbol{A}$ .

The second line contains the space separated elements of array  ${m B}$ .

# **Output Format**

First, print the inner product.

Second, print the outer product.

# Sample Input

0 1

#### 2 3

# Sample Output

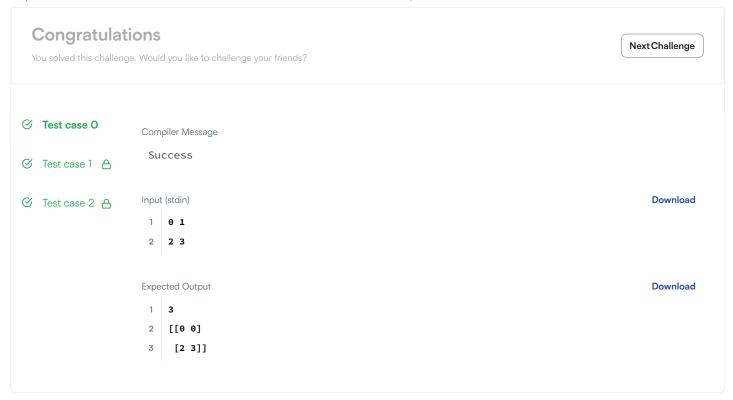
3 [[0 0]

**EMACS** 

[2 3]]



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