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Practice > Python > Numpy > Dot and Cross

## Dot and Cross $\diamondsuit$

38/115 challenges solved

Rank: 17356 | Points: 555 ①



Easy 20 8362

Your Dot and Cross submission got 20.00 points. Share Tweet

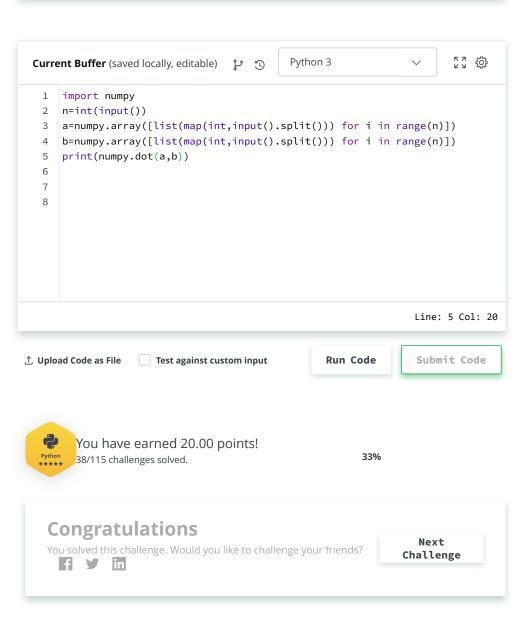
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Problem	Submissions	Leaderboard	Discussions	Editorial 🖰	
dot					Author
The <i>dot</i> tool returns the dot product of two arrays.					Difficulty
					Max Score Submitted By
import numpy					
A = numpy.arr					NEED HELP?
B = numpy.arra	ay([ 3, 4 ])				View discussions
print numpy.dot(A, B) #Output : 11					☐ View editorial
					View top submissions
cross					
The <i>cross</i> tool retur	rns the cross product of	two arrays.			RATE THIS CHALLENGE
import numny					公 公 公 公 公
import numpy					MORE DETAILS
A = numpy.arra B = numpy.arra					
print numpy.c	cross(A, B) #Outp	out : -2			✓ Suggest Edits
Task					f y in
You are given two a	irrays $m{A}$ and $m{B}$ . Both ha	ve dimensions of $N$ X $N$ .			ы у ш
	pute their matrix produc				
Input Format					
The first line contain	ns the integer $oldsymbol{N}$ .				
Γhe next $m{N}$ lines co	ontains $oldsymbol{N}$ space separat	ed integers of array $m{A}$ .			
The following $m{N}$ line	es contains $oldsymbol{N}$ space se $oldsymbol{p}$	parated integers of array	<b>B</b> .		
Output Format					
Print the matrix mu	ıltiplication of $m{A}$ and $m{B}$ .				
Sample Input					
2 1 2					
3 4					

```
1 2
3 4

Sample Output

[[ 7 10]
 [15 22]]
```

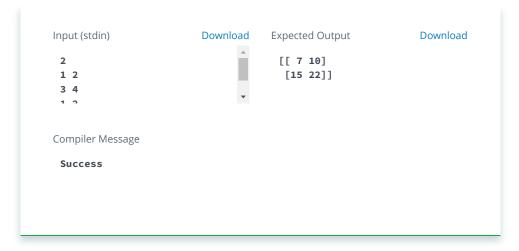


**⊘**Testcase 2

file:///D:/manikanta/hackerrank%20for%20python/19.html

**⊘** Testcase 1

**⊘** Testcase 0



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