



Bookmarks

- ▶ Welcome to the edX Platform
- ▶ Entrance Survey
- ▶ Download Python and Get Motivated!
- ▶ Week 1: Python Basics
- ▶ Week 2: Simple Programs
- ▶ Week 3: Structured Types
- ▶ Week 4: Good Programming Practices
- ▼ Midterm Exam

Midterm Exam

Midterm due Feb 14, 2017 15:30 PST

- ▶ Sandbox

Midterm Exam > Midterm Exam > Problem 5

Problem 5

Bookmark this page

Problem 5

10.0 points possible (graded)

Write a Python function that returns the sum of the pairwise products of `listA` and `listB`. You should assume that `listA` and `listB` have the same length and are two lists of integer numbers. For example, if `listA = [1, 2, 3]` and `listB = [4, 5, 6]`, the dot product is `1*4 + 2*5 + 3*6`, meaning your function should return: `32`

Hint: You will need to traverse both lists in parallel.

This function takes in two lists of numbers and returns a number.

```
def dotProduct(listA, listB):  
    '''  
        listA: a list of numbers  
        listB: a list of numbers of the same length as listA  
        '''  
    # Your code here
```

```
1 # Paste your function here
```

Press ESC then TAB or click outside of the code editor to exit



Unanswered

You have used 0 of 10 attempts

© All Rights Reserved



© 2012-2017 edX Inc. All rights reserved except where noted. EdX, Open edX and the edX and Open EdX logos are registered trademarks or trademarks of edX Inc.

POWERED BY
OPENedX®

