

Support

Bookmark

▶ Welcome to the edX Platform

▶ Entrance Survey

▼ Download Python and Get Motivated!

Set up your Coding Environment

Get into the MIT Mindset

Resources

▶ Week 1: Python Basics

▶ Week 2: Simple Programs

▶ Week 3: Structured Types

▶ Week 4: Good Programming Practices

▶ Midterm Exam

Final Exam > Final Exam > Problem 7

◀ Previous

Next ▶

Problem 7

[Bookmark this page](#)

Problem 7

20.0 points possible (graded)

Write a function called `general_poly`, that meets the specifications below.

For example, `general_poly([1, 2, 3, 4])(10)` should evaluate to `1234` because

```
def general_poly(L):  
    """ L, a list of numbers (n0, n1, n2, ... nk)  
    Returns a function, which when applied to a value x,  
    returns the value  
    n0 * x^k + n1 * x^(k-1) + ... nk * x^0 """  
    #YOUR CODE HERE
```

Paste your entire function in the box below. Do not leave any print statements.

```
1 # Paste your code here  
2
```



▶ Week 5: Object Oriented Programming
▶ Week 6: Algorithmic Complexity
▶ Week 7: Plotting
▶ Exit Survey
▶ Final Exam
▶ Sandbox

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

Unanswered

Submit

You have used 0 of 10 attempts

[◀ Previous](#)[Next ▶](#)

© All Rights Reserved



[About](#) [edX for Business](#) [Blog](#) [News](#) [Help Center](#) [Contact](#) [Careers](#) [Donate](#)

[Terms of Service & Honor Code](#) [Privacy Policy](#) [Accessibility Policy](#) [Sitemap](#) [Media Kit](#)

© 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.

