

We are recovering from significant hosting issues. Much of the site is functional, but currently email delivery is not. Please bear with us as we validate site functionality.



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](#)
- [Week 5: Object Oriented Programming](#)
- ▼ [Week 6: Algorithmic Complexity](#)

11. Computational Complexity

[Finger Exercises](#)



12. Searching and Sorting Algorithms

Week 6: Algorithmic Complexity > 11. Computational Complexity > Exercise 8

Exercise 8

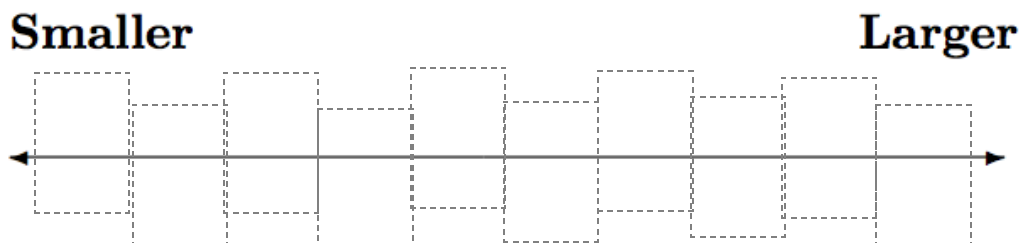
🔖 Bookmark this page

Exercise 8

0 points possible (ungraded)

ESTIMATED TIME TO COMPLETE: 6 minutes

Rank the following terms by order of growth, from smallest to largest. Drag each term to its proper place on the diagram; be sure to use each term exactly once.



	n	2^{n^2}	3^n	$n \log n$	$\log n$	n^2
--	-----	-----------	-------	------------	----------	-------

Reminder: You do not lose points for trying a problem multiple times, nor do you lose points if you hit "Show Answer". If this problem has you stumped after you've tried it a few times, feel free to reveal the solution.

Submit

Exercise 8

Topic: Lecture 11 / Exercise 8

Show Discussion



[Finger Exercises](#)**[Problem Set 6](#)**[Problem Set due Mar 9,
2017 15:30 PST](#)

- ▶ [Week 7: Plotting](#)
- ▶ [Exit Survey](#)
- ▶ [Sandbox](#)

© 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®