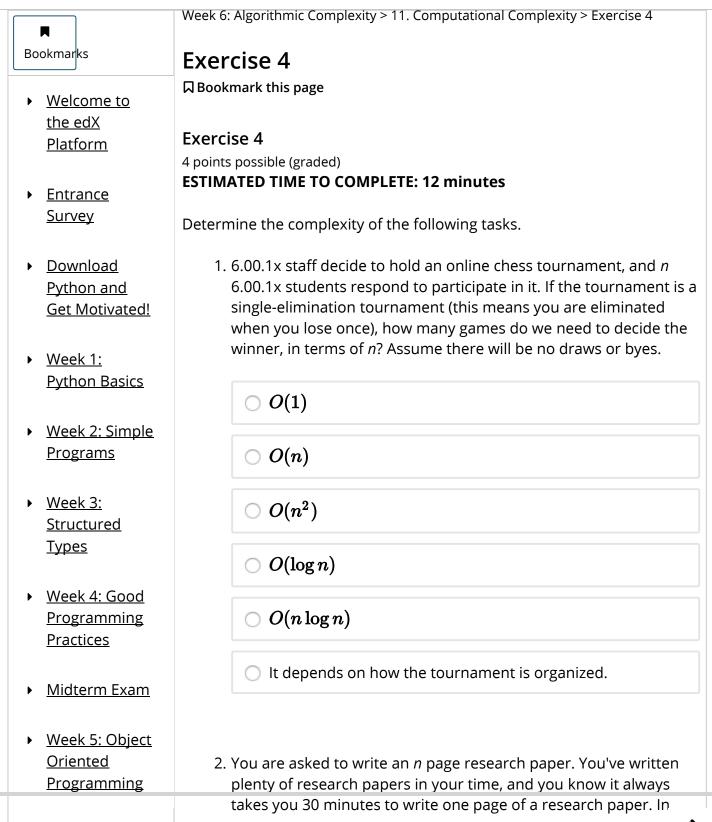
We are recovering from significant hosting issues. Much of the site is functional, but currently email delivery is not. Please bear with us as we validate site functionality.



MITx: 6.00.1x Introduction to Computer Science and Programming U..

<u>Help</u>



 Week 6: Algorithmic Complexity 	terms of <i>n</i> , what is the complexity order that describes the amount of time this research paper will take to write?
	○ <i>O</i> (1)
11. Computational Complexity Finger Exercises	$\bigcirc O(n)$
12. Searching and Sorting Algorithms Finger Exercises Problem Set 6 Problem Set due Mar 9, 2017 15:30 PST	$\bigcirc~O(n^2)$
	$\bigcirc \ O(\log n)$
	$\bigcirc~O(n\log n)$
Week 7: PlottingExit Survey	3. You are asked to write an <i>n</i> page personal essay. You've written plenty of personal essays in your time, and you know it always takes you two hours to write a personal essay, no matter the length. In terms of <i>n</i> , what is the complexity order that describes
• Sandbox	the amount of time this personal essay will take to write?
	○ <i>O</i> (1)
	$\bigcirc O(n)$
	$\bigcirc~O(n^2)$
	$\bigcirc \ O(\log n)$
	$\bigcirc \ O(n \log n)$
	4. You just dropped a box of glass toys and <i>n</i> toys in the box broke in half. You'd like to match the halves of the toys so that you could glue them together, but the only way to tell whether two halves

belonged to one toy is to physically pick up the two pieces and try to fit them together. Express how long this matching process will take in terms of *n*. $\bigcirc O(1)$ $\bigcirc O(n)$ $\bigcirc O(n^2)$ $\bigcirc O(\log n)$ $\bigcirc O(n \log n)$ Submit **Exercise 4 Show Discussion** Topic: Lecture 11 / Exercise 4

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