

Week 11 Assignment - Sorting

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Due Tuesday by 11:59pm **Points** 10 **Submitting** a text entry box or a file upload

Complete three of four. Your choice.

1. Implement quick_select as an in place algorithm.
2. Exercise C-12.47 [Extra Credit Challenge] (Page 578 in textbook)
3. Exercise C-12.48 (Page 578 in textbook)
4. Implement the **sort()** method in the attached Sort.py. Run the program and upload the output. Please note the rules:
 - You may not access the list directly
 - You may only call the other methods in the class: first, second, swap_top_two, move_first_to_bottom, size
 - Indicate the time complexity of your algorithm in the comments
 - No auxiliary memory

[Sort.py](#) 

