

LAB 1 Assignment

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Assignment 2:

1. The source code of question 1 is in the package named my_sort_methods.py
2. The source code of question 2 is in the package named Lab_1_ASGMNT2_2_sl5352.py
3. I used simple selection sorting and bubble sorting.

As for simple selection sorting, maximum comparing chance could be

$cmptimes = len(x) \times \frac{len(x) + 1}{2}$, where len(x) is list length, if input list represented just as

reversed sequence. While, for the bubble sorting, shows as the second sorting method, could finishing sorting within cmptimes. This could lead to faster sorting, when list getting bigger.

Additionally, I created another list for storage the new list in the first list. This is also an drawback.

So the bubble sorting is better, with simple sorting procedure as well.