Assignment 01 Feedback

Written Component

Remember for most of such written problems, a short justification is required.

W1

- When there are multiple items in the Swaplist meet the condition, the smallest one should be returned.

W2

- The running time of a loop is the product of the number of iterations and the running time of the components inside the loop.

- For running time representation of multiple items, both the sum and the maximum value can be accepted.

(d)

- This problem asks **BEST-CASE** running time. The best-case occurs when the condition is met at the first iteration.

W3

- This problem is also a hint for the programming problem P2.

W4

Programming Component

P1

- The correct preconditions for the input parameters are $0 \leq \text{first} < \text{last} < \text{self.length()}$ or $0 \leq \text{first} < \text{last} \leq \text{self.length()}\text{-}1$.

P2

- The correct preconditions for the input parameters are 0≤first<last<self.length() or 0≤first<last≤self.length()-1.

- If you use function reverse twice in this problem, you need to check a special case when first=last-1.

Auto Test Remark

You may ask for an auto test remark (usually with penalty) if you satisfy these conditions:

- You code accessed the forbidden attributes, but such accessing is not involved in the major parts of your algorithm.

- You forgot to comment some test cases that cause assertion errors out.

- You included typos that crashed your code, but you think your code is correct without them.