<u>Assignment # 01</u>

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<u>Report</u>

<u>Question#1</u>

In this Question I've used *Bubble Sort* reason being that I had to compare two adjacent elements for which Bubble Sort seemed to be the easiest algorithm.

<u>Question#2</u>

For this Question, I made some changes in the *Linear Search* algorithm such as an additional if-condition, and a return statement which proved to be effective.

<u>Question#3</u>

No specific searching/sorting algorithm was used in this question. A simple searching algorithm with additional conditions.

<u>Question#4</u>

The algorithm used in this question is inspired by *Insertion Sort.* A certain value had to be held during the sorting of array for which Insertion Sort was most suitable.