

Programming Fundamentals

Graded Lab- 02

Q1: Write a C++ program using functions that takes 10 elements from user, then you have to perform sorting on the data.

Unsorted Array

Element	1	3	2	6	4	5	7	9	8	10
Index	0	1	2	3	4	5	6	7	8	9

Sorted Array

Element	1	2	3	4	5	6	7	8	9	10
Index	0	1	2	3	4	5	6	7	8	9

Q2: Write a C++ program that contains two functions other than main,

1. First function that reads a sentence using `cin.getline` from user.
2. Second Function that receives an alphabet and search if it's occur consecutively in the sentence if yes then display the message "yes the alphabet has occurred consecutively" otherwise display no consecutive occurrence found.
3. Main will call all of the above functions.

Sample output:

Input a sentence: Hello World

Input alphabet whose consecutive occurrence you want to search: l

"Yes consecutive occurrence found"

Sample output:

Input a sentence: xyz will call you in the morning

Input alphabet whose consecutive occurrence you want to search: g

"NO consecutive occurrence found"