LAB101 Assignment

Title

Program to insert new element into an existing array.

Background Context

Insert new element into an existing array

Program Specifications

Create a program to insert new element into an existing array

Function details:

1. Enter an integer array
2. Sort array in ascending and display the sorted array on the screen
3. Enter new integer value
4. Add new value entered to the sorted array in ascending order and then display new array on the screen
5. Finish program

Expectation of User interface:

The Program must have interface as below:

Please enter size of array: 5
Enter element[0]: 13
 Enter element[1]: 3
Enter element[2]: 5
Enter element[3]: 10
Enter element[4]: 8
The array after sorting:
3   5   8   10   13
Please enter new value: 9
New array:
3   5   8   9   10   13

Guidelines