

# Programming Fundamentals LAB – BSDSF24

(Both Morning and Afternoon)

## Lab 08 – 08-11-2024

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use notepad++ and developer command prompt for the following tasks

### Task 01 (20 marks each)

1. Create a function with an array<int, 100> and size of data in it, as parameters, function returns the maximum data value. Later, test the program though several test cases in the main.
2. Create a function with an array<int, 100> and size of data in it, as parameters, function returns the location maximum data value. Later, test the program though several test cases in the main.
3. Create a function with an array<int, 100>, size of data in it and another int, as parameters, function returns the location of the last parameter value in the array. Later, test the program though several test cases in the main.
4. Create a function with an array<int, 100> and size of data in it, as parameters, function locates and return the location from where the data in array is not in ascending order. It means the array is sorted from start, up to next element, or somewhere in middle or till end. In the following examples, the location of **bold underlined value** in the array should be returned. Later, test the program though several test cases in the main.
5. Create an array of students (structure with rollno, name, and percent marks), later, input students in the array, sort the array on percent marks and output the array.

-- End of Lab --