

152112011 Computer Programming LAB – A/B

HOMEWORK 4

Due to: 19 May 2022, 23:59

Objectives:

- C++ Programming Pointers, Pointers Arithmetics, Arrays, Strings
- C++ File name is **StudentID_HW4_qNO.cpp**
- **Note: Write comments in your code for explaining steps.**
- **Note: Pay attention to the indentations in your code.**
- **Everyone should do it **alone**.**
- **Please do not cheat.**

Question 1: Write a program to find the word in a given string which has the highest number of repeated letters. Do this operation in a function and call this function from main. Function do not return a value and result must be written in main. To achieve this, set up the appropriate structure.

Sample Output:

Given string: Welcome text in a separate line.

Result: separate

Output explanation: In “Welcome text in a separate line.” string, you must look each word and, in each word, investigate repeated letters. For example:

- Welcome: e repeats 2 times
- text: t repeats 2 times
- in: -
- a: -
- separate: a and t repeat 2 times
- line: -

So, because of this the result is “separate”.