

Object Oriented Programing

Lab Quiz # 01

Time 30 Minutes

Marks 10

Important Note:

- All allocations of 1D/2D pointers should be dynamic. Do not consume extra bytes.
- All the data will be given by user.
- Pass the pointers to functions instead of [].
- Use offset notation to traverse the arrays (implement your functions using offset notation,)

Submission Instructions

Make folder by using naming convention like **Name_RollNo_Section** Add your .cpp file and submit on Google classroom be on time.

Question 1:

The input will be given to you in char * sentence format. Keeping in mind the input, you will have to devise solution to following problems.

- a) Write a function **int words(char * sentence)** that counts total words whose length is greater than 2 (so they won't include the words like a, an, is) **(4 marks)**
- b) Write a function that returns an array containing each word whose length is greater than 2. Please use only as much memory as required by the problem. **(6 marks)**

GOOD LUCK