

Programming Fundamentals – Spring 2021

Graded Lab 01: Character Arrays

SUBMIT A SINGLE CPP FILE ON PORTAL BY 8:30 P.M. THE NAME OF THE CPP FILE SHOULD BE YOUR COMPLETE REGISTRATION NUMBER.

Write a C++ program to create a character array of size 500. Prompt the user to enter some text (including spaces). Now, find and print the number of words that contain **both alphabetic and non-alphabetic characters (1, 2, \$, etc.)**. Also, display the selected words on console.

E.g. (apples, meal, ID): These words only have alphabetic characters.

However, your Registration No. (L1F15BSCS0123) has both alphabetic and non-alphabetic characters.

Input

Enter some text: *We are happy to have 5 apples in meal. You ID is L1F15BSCS0123. You are student of 2nd semester. We will shut down all the 5 bus stations. You are going to suffer this for 30 minutes. You are not happy. We will need to shut down 6 of the 12 jails. We should help those who suffer in 1st week.*

Output

Following 3 words contain both alphabetic and non-alphabetic characters.

L1F15BSCS0123

2nd

1st