

Introduction to programming-python

Lab Practice 06: Matrix-strings

The objective of this practice is to consolidate the student's skills in working with strings.

Program 1: Supress vowels

Write a program that reads a string from the keyboard and then transform it into another string.

The program reads the initial string and creates another string by suppressing all the lowercase vowels.

Program 2: Search the second word of a string

Write a program to read a line of text. Then, the program must extract the second word of the text and save it in another string. Finally, the program will display on the monitor both strings.

Program 3: Functions of strings

Write a program to read a line of text and do the followings:

- 1) center the text on the monitor (50).
- 2) count and display the length of the string.
- 3) Display the string in capital letters
- 4) Display the starting index position of a specific word in the string.

Program 4: Create the second string by extracting

Write a program to declare two strings (`string1` and `string2`), read the first string from the keyboard, and create the second string by extracting from `string1` the first letter (if it is an uppercase) of each word. Example: if `string1` is "United Nations" then `string2` should be "UN".

Program 5: List letters of a word

Write a program to display the initial letter of all words of a string. The program has to change every initial letter to capital letter before displaying it on the monitor.