

MOD 0 4 - Revisions

PROGRAMMING AND INFORMATION SYSTEMS - 1º THEAT THE GPSI TECHNICAL PROFESSIONAL COURSE



CONTENTS

Static Data Structures: List Operations and String Operations



Activities proposal

1. Write a program that reads a list of integers with n positions, and inform the index of the first position where a value x is in the list. If the value x is not found, the program must print the value -1.

2. Write a program that reads a list of integers with 10 positions, and count how many different values there are.

Example:

Input:

10 2 6 9 2 6 2 8 10 12

Exit:

3

3. Write a program that merges the elements of two lists $L1$ (composed of integers) and $L2$ (composed of letters) of different sizes.

Example:

Input:

1 2 3 4

ABC

Exit:

1 a 2 b 3 c 4

4. Make a program that asks for the date of birth (dd/mm/yyyy) when user name and print the date with the month name in full. Use functions.

Input:

Date of Birth: 10/29/2006

Exit:

You were born on October 29, 2006.

5. Given a string with a phrase entered by the user (including spaces blank), count:

The. how many blank spaces are there in the sentence.

B. how many times do the vowels a, e, i, o, u appear.

GOOD WORK! YOU ARE ABLE! BUILD YOUR KNOWLEDGE...

subject teachers, Andreia
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