

Practice Exercises N 2: Arrays in C

Exercise 1:

Write a C program that reads an array of 10 reals, and then prints:

- The array mean.
- The number of positive, negative and zero elements.

Exercise 2

Write a C program to determine the maximum and the minimum values in an array of ten integers, with their positions (index) in the array.

Exercise 3

Write a C program that searches for a user-input number in an array of 10 integers, and then displays its first index if it exists.

Exercise 4

Write a C program to determine the number of occurrences of a given element (entered by the user) in a matrix of integers (4*4)

Exercise 5

Write a C program that displays the transpose of a matrix of integers (3*3) entered by the user.