

COEN 10 - Practice IV

Solutions on Wednesday

Use C syntax and try these on the computer!!

1. Write a main function to add 100 numbers obtained from the keyboard (scanf) and output the result.
2. Write a main function to read (scanf) numbers to initialize array x, which has 100 elements, backwards, so that the first element entered goes to position SIZE - 1, the second goes to position SIZE - 1, and so on.
3. Include in the main function above a loop to traverse the array multiplying each even element by 100.
4. Include in the main function above a loop to output the array at the end.
5. Write a main function to sort the integers in array x, created randomly with integers between 0 and 200, so that, at the end, the smallest one is in position zero and the largest one is in position SIZE - 1. You can use a second array or do it in place (suggestion: search and swap).