Problem:

a) Write the program that checks whether an array is a “palindrome” or not. A “palindrome” is written in the same manner from left to right and from right to left.

  e.g. ‘radar’, “noon”, “racecar”, 123454321

  hint: test each item of the array against the corresponding item starting to count from the end of the array

b) Write a function that receives as parameter an array and returns 1 if it is a “palindrome” and 0 otherwise. Write the main() function of your program and call the “palindrome” function.

c) Solve the same problem by inverting the array first and then testing if all its elements are equal with those of the initial array


d) Solve the problem in both suggested ways using strings.