Homework Assignment #4
Array Symmetry Verifier

Write a code of a program to do the following tasks:

1) Ask the user to enter the array length.
2) Ask the user to enter the elements of the array. The elements are **characters** and they could be either '**a**' or '**b**'.
3) Check if the array is symmetric. The array is symmetric if array[i]=array[length-1-i] for all i such that 0≤i≤(length-1)/2.
   Example:
   The array: b a a b a a b is symmetric.
   The array: b a a b a a is not symmetric.
4) Display all the elements of the array **in one line** and leave **one space** between two consecutive elements.
5) If the array is not symmetric, you will display the indexes of the different elements.

a) You have to submit **arraySymmetry.cpp** file.
b) The homework is due **Sunday, October 5, 2014, 11:59 pm**