H. Rank problem

Petya moved to another school. In physical education class, he needed to determine his place in the ranks. Help him do it.

Input data The program receives as input a non-increasing sequence of natural numbers, meaning the growth of each person in the ranks. After that, the number X is entered - Petya's height. All numbers in the input data are natural and do not exceed 200.

Output

Print the number under which Petya should join the ranks. If there are people in the ranks with the same height, the same as Petya's, then he must stand after them.

with array & without

Examples of input data 165 163 160 160 157 157 155 154 162 output 3 input data 165 163 160 160 157 157 155 154 160 output 5

