## 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
165163160160157157155154
1 6 2
output
3
input data
165163160160157157155154
1 6 0
```

output
5


