

Key-Value Pairs

Description:

Given N key-value pairs followed by a key K, print the value associated with key K. It is guaranteed that the key exists among the pairs.

Input:

The first line contains an integer N, the number of key-value pairs. The following N lines each contain a key (a string) and a value (an integer), separated by space.

The last line contains the key K.

Output:

Print a single integer – the value associated with key K.

Example Input:

```
3
apple 2
banana 4
cherry 6
banana
```

Example Output:

```
4
```