


Assignment Case	
COMP6047 Algorithm and Programming	
Computer Science	<Case Code>
<i>Valid on Compact Semester Year 2019/2020</i>	Revision 00

Soal*Case***Counting Game**

Jojo must find the sum of apples and oranges from a data, but he is too lazy to do it. So, he asks you to help him count the sum.

Format Input

The first line of input is an integer N , number of elements in array.

The second line of input contains N strings of A_i , the sorted list of people's names.

The third line of input contains N numbers of B_i , the number of apples in the order of people's name.

The fourth line of input contains N numbers of C_i , the number of oranges in the order of people's name.

The next line of input contains X , the name to be searched. It is guaranteed X exist in the list of names A .

Format Output

Output the sum of apples and oranges of person X .

Constraints

$$1 \leq N \leq 500,000$$

$$1 \leq |A_i| \leq 100$$

$$1 \leq B_i, C_i \leq 1000$$

Sample Input	Sample Output
7 avi beta lei min ray van yan 123 72 89 78 432 102 4 29 54 1 290 21 125 83 ray	453