

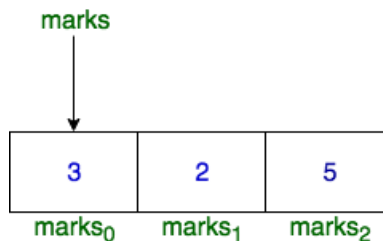
# Students Marks Sum

You are given an array of integers, *marks*, denoting the marks scored by students in a class.

- The alternating elements *marks<sub>0</sub>*, *marks<sub>2</sub>*, *marks<sub>4</sub>* and so on denote the marks of boys.
- Similarly, *marks<sub>1</sub>*, *marks<sub>3</sub>*, *marks<sub>5</sub>* and so on denote the marks of girls.

The array name, *marks*, works as a pointer which stores the base address of that array. In other words, *marks* contains the address where *marks<sub>0</sub>* is stored in the memory.

For example, let *marks* = [3, 2, 5] and *marks* stores 0x7fff9575c05f. Then, 0x7fff9575c05f is the memory address of *marks<sub>0</sub>*.



## Function Description

Complete the function, *marks\_summation* in the editor below.

*marks\_summation* has the following parameters:

- *int marks[number\_of\_students]*: the marks for each student
- *int number\_of\_students*: the size of marks[]
- *char gender*: either 'g' or 'b'

## Returns

- *int*: the sum of marks for boys if *gender* = *b*, or of marks of girls if *gender* = *g*

## Input Format

- The first line contains *number\_of\_students*, denoting the number of students in the class, hence the number of elements in *marks*.
- Each of the *number\_of\_students* subsequent lines contains *marks<sub>i</sub>*.
- The next line contains *gender*.

## Constraints

- $1 \leq \text{number\_of\_students} \leq 10^3$
- $1 \leq \text{marks}_i \leq 10^3$  (where  $0 \leq i < \text{number\_of\_students}$ )
- *gender* = *g* or *b*

### Sample Input 0

```
3
3
2
5
b
```

### Sample Output 0

```
8
```

### Explanation 0

$marks = [3, 2, 5]$  and  $gender = b$ .

So,  $marks_0 + marks_2 = 3 + 5 = 8$ .

### Sample Input 1

```
5
1
2
3
4
5
g
```

### Sample Output 1

```
6
```

### Explanation 1

$marks = [1, 2, 3, 4, 5]$  and  $gender = g$

So,  $sum = marks_1 + marks_3 = 2 + 4 = 6$ .

### Sample Input 2

```
1
5
g
```

### Sample Output 2

```
0
```

### Explanation 2

$marks = [5]$  and  $gender = g$

Here, *marks*<sub>1</sub> does not exist. So, *sum* = 0.