



## Subarray Division 2 ★

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Two children, Lily and Ron, want to share a chocolate bar. Each of the squares has an integer on it.

Lily decides to share a contiguous segment of the bar selected such that:

- The length of the segment matches Ron's birth month, and,
- The sum of the integers on the squares is equal to his birth day.

Determine how many ways she can divide the chocolate.

### Example

$s = [2, 2, 1, 3, 2]$

$d = 4$

$m = 2$

Lily wants to find segments summing to Ron's birth day,  $d = 4$  with a length equalling his birth month,  $m = 2$ . In this case, there are two segments meeting her criteria:  $[2, 2]$  and  $[1, 3]$ .

### Function Description

Complete the birthday function in the editor below.

birthday has the following parameter(s):

- `int s[n]`: the numbers on each of the squares of chocolate
- `int d`: Ron's birth day
- `int m`: Ron's birth month

### Returns

- `int`: the number of ways the bar can be divided

### Input Format

The first line contains an integer  $n$ , the number of squares in the chocolate bar.

The second line contains  $n$  space-separated integers  $s[i]$ , the numbers on the chocolate squares where  $0 \leq i < n$ .

The third line contains two space-separated integers,  $d$  and  $m$ , Ron's birth day and his birth month.

### Constraints

- $1 \leq n \leq 100$
- $1 \leq s[i] \leq 5$ , where  $(0 \leq i < n)$
- $1 \leq d \leq 31$
- $1 \leq m \leq 12$

Author

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Difficulty

Easy

Max Score

100

Submitted By

11462

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Language

C#



```
1 using System.CodeDom.Compiler;
2 using System.Collections.Generic;
3 using System.Collections;
4 using System.ComponentModel;
5 using System.Diagnostics.CodeAnalysis;
6 using System.Globalization;
7 using System.IO;
8 using System.Linq;
9 using System.Reflection;
10 using System.Runtime.Serialization;
11 using System.Text.RegularExpressions;
12 using System.Text;
13 using System;
14
15 class Result
16 {
17
18 }
```

Line: 59 Col: 1

 UploadCodeasFile

☐ Test against custom input

Run Code

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