# Problem 31608 - Hamming Distance Multilingual

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Time Limit	Memory Limit	Submissions	Accepted	Solved	Ratio
2 seconds	1024 MB	443	377	360	84.706%

## Description

Given an integer N and two strings S and T of length N, print the Hamming distance between S and T.

Here , the Hamming distance between *S* and *T* is the number i (  $1 \le i \le N$ ) for which the i-th character of *S* differs from the i-th character of *T*.

### Input

The input is given in the following format:

N S T

### Output

Print the Hamming distance between S and T.

Do not output anything other than the results. (Do not output any messages prompting input, etc.)

#### Limit

- $1 \le N \le 100$ .
- N is an integer.
- S and T are strings of length N consisting of lowercase English letters.

### Sample Input 1 copy

3

Thursday

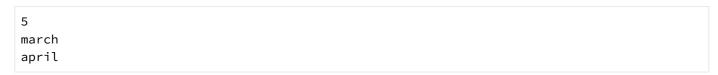
ioi

#### Sample Output 1 copy

1

- *The first* letter of *S* and *T* are and, which are different. j i
- The second character of S and T is and, so they match. o o
- The third character of each of S and T is and, so they match. i i
- Therefore , the Hamming distance with joi is 1, so output 1 . ioi

## Sample Input 2 copy



## Sample Output 2 copy

4

• march april Since the Hamming distance between is 4, output 4.

## Sample Input 3 copy

6 sample sample

## Sample Output 3 copy

0

• sample sample Since the Hamming distance between is 0, output 0.

#### Source



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## Algorithm Classification

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#### Memo