

Contest Duration: 2025-11-01(Sat) 23:00 (<http://www.timeanddate.com/worldclock/fixedtime.html?iso=20251101T2100&p1=248>) - 2025-11-02(Sun) 00:40 (<http://www.timeanddate.com/worldclock/fixedtime.html?iso=20251101T2240&p1=248>) (local time) (100 minutes)

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C - Truck Driver

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Time Limit: 2 sec / Memory Limit: 1024 MiB

Score : 300 points

Problem Statement

In AtCoder Country, there is a rule that "a truck driver must take a break of at least B minutes when driving for A minutes or more."

You are given a string S of length N consisting of a and b, and positive integers A and B .

Find the number of integer pairs (l, r) that satisfy all of the following conditions.

- $1 \leq l \leq r \leq N$
- The number of a in the substring from the l -th character through the r -th character of S is greater than or equal to A .
- The number of b in the substring from the l -th character through the r -th character of S is less than B .

Constraints

- $1 \leq N \leq 3 \times 10^5$
- $1 \leq A, B \leq N$
- S is a string of length N consisting of a and b.
- All input numbers are integers.

2026-01-02 (Fri)

05:32:27 +11:00

Input

The input is given from Standard Input in the following format:

```
 $N$   $A$   $B$   
 $S$ 
```

Output

Print the answer.

Sample Input 1 Copy

```
11 4 2  
abbaaabaaba
```

Copy

Sample Output 1 Copy

```
3
```

Copy

The pairs (l, r) that satisfy the conditions are $(4, 8)$, $(4, 9)$, $(5, 9)$, which is three pairs.

Sample Input 2 Copy

```
13 1 2  
bbbbbbbbbbbb
```

Copy

Sample Output 2 Copy

```
0
```

Copy

There are no pairs (l, r) that satisfy the conditions.

'#telegram)

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