



## Problem Menu

[Back](#)[Statement](#)[Submissions](#)

## Arkavidia 9.0 - Penyisihan CP &gt; F

## Submission #4626933

Arkavidia 9.0 - Penyisihan CP / [F. Fondasi Tembok Ajaib](#)

Accepted • Raphela • C++17 • November 16, 2025 at 10:37:12

[Sample Test Data Results](#) [Test Data Results](#)

```
1 #include <bits/stdc++.h>
2 using namespace std;
3
4 int main() {
5     ios::sync_with_stdio(false);
6     cin.tie(nullptr);
7
8     int X;
9     long long A, B;
10    if (!(cin >> X >> A >> B)) return 0;
11
12    string S, T;
13    cin >> S >> T;
14    long long hp = A;
15    int res = -1;
16
17    for (int j = 0; j < X; ++j) {
18        char a = S[j];
19        char v = T[j];
20        if (j == i) {
21            v = (v == '#') ? '#' : '.';
22        }
23
24        if (a == v) {
25            if (a == '#') {
26                if (hp <= 2 * B) {
27                    break;
28                }
29                hp -= 2 * B;
30            } else {
31                hp = (hp + B) / 2;
32            }
33        } else {
34            hp += B;
35        }
36    }
37    ans[i] = res == -1 ? -1 : res;
38}
39
40
41
42
43
44
45
46
47
48
49
50
51
52 }
```

## Top users by time

#	User	Time
1	<a href="#">ByeWorld</a>	82 ms
3	<a href="#">Arman10</a>	129 ms
4	<a href="#">Todoroki_Shouto</a>	227 ms
5	<a href="#">albertnugroho128</a>	244 ms

## Top users by memory

#	User	Memory
1	<a href="#">albertnugroho128</a>	1100 KB
2	<a href="#">takeonicky</a>	1352 KB
3	<a href="#">llcxmn</a>	1352 KB
4	<a href="#">Angustavia</a>	1356 KB
5	<a href="#">Todoroki_Shouto</a>	1552 KB