

```

1: #include <bits/stdc++.h>
2: using namespace std ;
3:
4: int main() {
5:     srand(time(NULL)) ;
6:     ios::sync_with_stdio(0), cin.tie(0), cout.tie(0);
7:
8:     int n, k;
9:     cin >> n >> k;
10:    string s ;
11:    cin >> s ;
12:    static int count = 5 ;
13:
14:    while(k) {
15:        auto f = s.begin() ;
16:        while(f <= s.end() && k) {
17:            if(*f != *(f+1)){
18:                --k;
19:                *(f+1) = count++ - '0' ;
20:                s = string(s.begin(), f) + string(f+1, s.end());
21:            }
22:            f++ ;
23:        }
24:        debug() << imie(k) imie(s);
25:    }
26:    cout << (int) s.length() << endl ;
27: }
28:

```