Problem Link:

<https://codeforces.com/problemset/problem/1898/A>

Solution:

* **#include** **<bits/stdc++.h>**
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n, k;
* string s;
* cin >> n >> k >> s;
* **int** cnt\_b = 0;
* **for**(**char** c : s)
* {
* **if**(c == **'B'**)
* cnt\_b++;
* }
* **if**(cnt\_b == k)
* {
* cout << 0 << **"\n"**;
* **continue**;
* }
* **bool** f = **false**;
* **for**(**int** i = 1; i <= n && !f; i++)
* {
* **for**(**char** c : {**'A'**, **'B'**})
* {
* string temp = s;
* **for**(**int** j = 0; j < i; j++)
* {
* temp[j] = c;
* }
* **int** cur\_b = 0;
* **for**(**char** ch : temp)
* {
* **if**(ch == **'B'**)
* cur\_b++;
* }
* **if**(cur\_b == k)
* {
* cout << 1 << **"\n"**;
* cout << i << **" "** << c << **"\n"**;
* f = **true**;
* **break**;
* }
* }
* }
* **if**(!f)
* {
* cout << 2 << **"\n"**;
* cout << n << **" A\n"**;
* cout << k << **" B\n"**;
* }
* }
* **return** 0;
* }