Problem Link:

<https://codeforces.com/problemset/problem/1594/C>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n;
* **char** c;
* cin >> n >> c;
* string s;
* cin >> s;
* **bool** f = **true**;
* **for**(**char** ch : s)
* {
* **if**(ch != c)
* {
* f = **false**;
* **break**;
* }
* }
* **if**(f)
* {
* cout << 0 << **"\n"**;
* **continue**;
* }
* **int** found = -1;
* **for**(**int** x = 1; x <= n; ++x)
* {
* **bool** ok = **true**;
* **for**(**int** i = x; i <= n; i += x)
* {
* **if**(s[i - 1] != c)
* {
* ok = **false**;
* **break**;
* }
* }
* **if**(ok)
* {
* found = x;
* **break**;
* }
* }
* **if**(found != -1)
* {
* cout << 1 << **"\n"** << found << **"\n"**;
* }
* **else**
* {
* cout << 2 << **"\n"** << n << **" "** << n - 1 << **"\n"**;
* }
* }
* **return** 0;
* }