Problem Link:

<https://codeforces.com/problemset/problem/2008/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n;
* string s;
* cin >> n >> s;
* **int** k = sqrt(n);
* **if**(k \* k != n)
* {
* cout << **"No\n"**;
* **continue**;
* }
* **bool** ok = **true**;
* **for**(**int** i = 0; i < k && ok; ++i)
* {
* **for**(**int** j = 0; j < k; ++j)
* {
* **int** idx = i \* k + j;
* **bool** f = (i == 0 || i == k - 1 || j == 0 || j == k - 1);
* **if**((f && s[idx] != **'1'**) || (!f && s[idx] != **'0'**))
* {
* ok = **false**;
* **break**;
* }
* }
* }
* cout << (ok ? **"Yes\n"** : **"No\n"**);
* }
* **return** 0;
* }