Problem Link:

<https://codeforces.com/problemset/problem/2000/A>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* string s;
* cin >> s;
* **if**(s.size() <= 2 || s.substr(0, 2) != **"10"**)
* {
* cout << **"NO\n"**;
* }
* **else**
* {
* string ps = s.substr(2);
* **if**(!ps.empty() && (ps.size() == 1 || ps[0] != **'0'**))
* {
* **int** p = stoi(ps);
* **if**(p >= 2)
* cout << **"YES\n"**;
* **else**
* cout << **"NO\n"**;
* }
* **else**
* {
* cout << **"NO\n"**;
* }
* }
* }
* **return** 0;
* }