**Remove recurring digits**

[misc](http://www.practice.geeksforgeeks.org/tag-page.php?tag=misc&isCmp=0)

Given a number, remove recurring digits from it. All adjacent same occurrences of a digit should be replaced by only 1 digit.  For example,**111222** should be converted to **12**.

**Input:**

The first line of input contains an integer T denoting the number of test cases.  
The first line of each test case is N.  
  
**Output:**

Print the number of remving recurring digits  
  
**Constraints:**

1 ≤ T ≤ 30  
1 ≤ N < 10^30  
  
**Example:**

**Input:**  
2  
200  
122

**Output:**  
20  
12

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=617>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

  int t;

  scanf("%d", &t);

  while(t--) {

     std::string n;

     cin >> n;

     //cout << n  << endl;

     std::string ans= "";

     ans += n[0];

     int i =1;

     while(i < n.size()) {

        while(i < n.size() && n[i-1]==n[i]){

          i++;

        }

        ans += n[i];

        i++;

     }

      cout << ans << endl;

    }

 return 0;

}