**Remove all duplicates from a given string**

[array](http://www.practice.geeksforgeeks.org/tag-page.php?tag=array&isCmp=0)[string](http://www.practice.geeksforgeeks.org/tag-page.php?tag=string&isCmp=0)[Microsoft](http://www.practice.geeksforgeeks.org/tag-page.php?tag=Microsoft&isCmp=1)

Given a string, the task is to remove all  duplicate characters from the string and print the resultant string.  The order of remaining characters in the output should be same as in the original string.

**Input:**  
The first line of input contains an integer T denoting the number of test cases. The description of T test cases follows.  
Each test case contains a string of length N.

**Output:**  
Print the resultant substring after removing duplicate characters from string.

**Constraints:**  
1 ≤ T ≤ 100  
1 ≤ N ≤ 100

**Example:  
Input:**  
2  
geeksforgeeks  
HappyNewYear

**Output:**  
geksfor  
HapyNewYr

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

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=292>

#include <iostream>

#include <stdio.h>

#include <string>         // std::string

using namespace std;

int main() {

    int t;

    scanf("%d", &t);

    while(t--) {

      std::string s;

      cin >> s;

      std::string ans = "";

      for(int i =0; i < s.length(); i++) {

            int found=ans.find(s[i]);

            if (found!=std::string::npos) {

                //std::cout << "Period found at: " << found << '\n';

            }else{

              ans += s[i];

            }

      }

      cout << ans << endl;

    }

 return 0;

}