**Reverse digit**

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

Write a program to reverse digits of a number.

**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 reverse digit of a N digit number.  
  
**Constraints:**

1 ≤ T ≤ 100  
1 ≤ N ≤ 1000000000  
  
**Example:**

**Input:**  
2  
200  
122

**Output:**  
2  
221

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

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=554>

#include <iostream>

#include <vector>

#include <stdlib.h>

#include <algorithm>

#include <stdio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

std::string s;

cin >> s;

std::string rev = "";

for(int i =s.length() - 1; i >=0; i--) {

rev += s[i];

}

int ini=0;

for(int i =0; i < rev.length() && rev[i] == '0'; i++) {

ini++;

}

cout << rev.substr(ini, rev.length() - ini) << endl;

}

return 0;

}