**Pattern of Strings**

[pattern](http://www.practice.geeksforgeeks.org/tag-page.php?tag=pattern%20&isCmp=0)[string](http://www.practice.geeksforgeeks.org/tag-page.php?tag=string&isCmp=0)

Given a string of length N, print a pattern of strings with first line being the given string of length n and keep priting in new line the strings in decreasing order of length till you print the single first character of the given string.

**Input:** First line of the input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case consist of only one line which contains a string of length N.  
  
**Output:**Corresponding to each test case, pattern is printed in a new line.  
  
**Constraints:**  
1 <=T<= 30  
N= 5  
  
**Example:**

**Input:**  
2  
Geeks  
th%ik

**Output:**  
Geeks  
Geek  
Gee  
Ge  
G  
th%ik  
th%i  
th%  
th  
t

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

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=627>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

std::string s;

cin >> s;

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

cout << s.substr(0,s.size()- i) << endl;

}

}

return 0;

}