**Amend The Sentence**

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

**Problem Description :**

You are given an array of characters which is basically a sentence. However there is no space between different words and the first letter of every word is in uppercase. You need to print this sentence after following amendments:  
(i) Put a single space between these words  
(ii) Convert the uppercase letters to lowercase.

**Input:**

The first line of input contains the number of test cases. The description of T test case follows.

Each test case contains a single line containing a string.

**Output:**

Print the desired Sentence.

**Constraints:**

1<=T<=30

1<=Size of String <=100

**Example:**

**Input :**

2

BruceWayneIsBatman

You

**Output :**

bruce wayne is batman

you

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

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=350>

#include <iostream>

#include <stdio.h>

#include <set>

#include <map>

#include <vector>

#include <algorithm>

#define ll long long int

using namespace std;

int main() {

    // TODO code application logic here

    int t;

    scanf("%d", &t);

    while(t--) {

       std::string ans = "";

       std::string s;

       cin >> s;

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

            if(i == 0) {

                 ans += tolower ( s[i] );

            }else {

                if(isupper(s[i]) ) {

                   ans += " ";

                   ans += tolower(s[i]);

                }else{

                   ans += s[i];

                }

            }

       }

       cout << ans << endl;

    }

}