

**Problem 2.5 Snazzy snApply snuppercase**

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Overview: Capitalize every word.

Description: snApple recently held its biannual Bring Your Daughter to Work day, during which hordes of young, wide-eyed schoolgirls follow their parents around and try not to destroy everything in sight.

Unfortunately for the snIphone division, one vindictive second grader who failed her spelling and grammar quiz last Tuesday (and was fearful of her chances of getting into Stanford as a result) was on a mission: to destroy the evil of Capital Letters, for once and for all.

Truly the daughter of two revered software engineers, the girl released a virus on all snIphone department computers that turned every sentence on the snIphone Application Store site to lowercase. Eve Mobs, the CEO and founder of snApple, is appalled by the aesthetically displeasing result and is desperately in need of a solution!

Kind soul that you are, you have generously volunteered to fix this problem for her, and in an effort to compensate for the missing capital letters, you plan to capitalize the first letter of each and every word instead. Good luck!

Time Allocation: 1 second

Input: The input consists of a single sentence  $s$  on one line.  $s$  may contain any number of words. Adjacent words are separated by a single space.

Output: The output should consist of the input  $s$  with the first character of each word capitalized.

The output is to be formatted exactly like the sample output given below.

Assumptions:  $s$  will contain between 1 and 1000 characters, inclusive.  
 $s$  will contain only spaces and the lowercase alphabet letters  $a-z$ .  
 $s$  will begin and end with a letter.  
All input will be valid.

Sample Input #1: `we provide great gifts for every occasion`

Sample Output #1: `We Provide Great Gifts For Every Occasion`

Sample Input #2: `stanford students receive a discount`

Sample Output #2: `Stanford Students Receive A Discount`