Time : 50 minutes   Full Marks : 20

Problem #1
(10 marks)

Write a program that takes a string S as input and stores each word of the string into a seperate row of a 2-D array. Finally, prints the number of words in the string and the average length of words in the string. Assume that the words in S are separated from each other by only one space. Also note that the length of each word is greater than 0 and less than 10. **You cannot use any string.h functions except strlen().**

Sample Input	Sample Output
Hello this is a great problem of CSE 110	9 3.556
Hello this is a problem of CSE 110	8 3.375

Problem #2
(10 marks)

Write a program that reads a string and reverses only the vowels of the string.

Sample Input	Sample Output
hello	holle
computer	cemputor
education	odicatuen