1. (100 pts) Write a program to find the words that have a specific character among the words of a string. Read a string and a character from the user and display all the words having that character on the screen. One way to do this is to find the words in one sentence and check if they have the required character in them. Another way is to find all the occurrence of the character and then find the words in those locations. Assume that words are not case sensitive in your program. Both the words "One" and "one" have an 'o' in them. Do not use string function `strtok()`. You can write your own version of `strtok()` and use them in your program if you want.

- You can work in groups of 2-4
- You can work on this during two weeks of recitations.

Sample execution is given below

Enter a sentence
This is my first sentence
Enter a character
i
Words containing i are:
This
is
first

Since words are case sensitive we have the following sample execution

Enter a sentence
I am a computer scientist
Enter a character
i
Words containing i are:
I
scientist

Submit your program electronically using the blackboard system. Only one member of the group should send it. List the name of the group members on the top of your submission.