

**Exercise 4** *(graded)*

Write a function “**letterCount**” that receives two string **s1** and **s2**. The first string (s1) is a full sentence and the second string(s2) is a word. The function checks the sentence(s1) for each letter in the word(s2). For each letter in the word, it prints out the frequency of occurrence of that letter in the sentence.

**Sample Input**

**s1:** “do you want to go to the movies tonight”

**s2:** qwerty

**Expected Output**

q 0

w 1

e 2

r 0

t 6

y 1

**Exercise 5** *(graded)*

Write a function “**fibonacci**” that receives an int “**n**” and prints the first **n numbers** in Fibonacci series.

**Sample Input**

**n=** 10

**Expected Output**

0, 1, 1, 2, 3, 5, 8, 13, 21, 34

**Exercise 6** (*graded*)

Write a function “**oddChecker**” that receives a tuple **t** and prints out all the odd numbers in this tuple. Assume the tuple only includes integers.

**Sample Input**

**t** = (1,2,3,5,8,22,35,92,123)

**Expected Output**

1  
3  
5  
35  
123

**Extra Exercises** (*ungraded*)**Exercise 7** (*ungraded*)

Write a function to get a string from a given string where all occurrences of its first char have been changed to '\$', except the first char itself

**Sample Input**

**s** = 'restart'

**Expected Output**

resta\$t

**Exercise 8** (*ungraded*)

Write a function to print alphabet pattern 'A'

**Expected Output**

```
  * * *  
*       *  
*       *  
* * * * *  
*       *  
*       *  
*       *
```