Kerry Ojakian's CSI 32 Class
Class Assignment #1

General Instructions:

- You may work in a group of at most 3 students.

- Classwork must be put in a your dropbox folder; if there are multiple parts, create a single folder for the class assignment. Make sure you give clear names to your files and folders. Make sure that you indicate all the people in your group.

- When you are done, *email me* to tell me who's folder the class work is in; also, tell me who is in your group. Without this email, you may not get credit for the assignment!

The Assignment

1. What does the following code print?

```
L = [3, 1, 1]
c = 1
for x in L:
    print("{} : {}".format(c, x))
    c = c + 1




S = {3, 1, 1}
t = 0
for x in S:
    t = t + x

print("t = ", t)




D = {1:3, 8:0, 4:57, 2:57}
t1 = 1
t2 = 1
for d in D:
    t1 = t1 * d
    t2 = t2 * D[d]

print("t1 = ", t1)
print("t2 = ", t2)
```

2. Write a function called *countOdd* which takes a single dictionary D as input. Suppose D is some dictionary where the values are integers (and the keys may be anything). Write a program that counts the number of values that are odd, then returns this number.

Example: If D is the dictionary $\{1 : 3, \, 'a' : 5, \, 'z' : 8\}$, then the program should return 2 because there are two odd values: 3 and 5.