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CSC 401: Introduction to Programming Section: 910 (Online) - Spring 2015 Due: Friday, May 1st at 11:59PM

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## Homework 4

Problem 1 Code:

Output (with additional tests included both in the code and the output printout):

```
>>>
[3.83333333333333335]
[4.0]
[5.0]
[3.66666666666666665]
>>>
```

## Problem 2 Code:

```
"" write a function that accepts a parameter as a file name and returns the number of occurances of certain words""

def words(filename):
    infile = open(filename, 'r') # open the file
    content = infile.read() # read the file
    infile.close() # closes file

    one = 'laboratory'
    two = 'Frankenstein'
    three = 'monster'

return [content.count(one), content.count(two), content.count(three)]

print(words('frankenstein.txt'))
```

## Output:

Attachments: CSC401\_H4\_P1.py CSC401\_H4\_P2.py