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Course  
outline

How does an  
NPTEL online  
course work?

Week 0

Week 1

Week 2

Week 3

week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

## Programming Assignment-2: Letters

**Due on 2020-04-23, 23:59 IST**

Write a program that accepts a sentence and calculate the number of upper case letters and lower case letters.

Input Format:

The first line of the input contains a statement.

Output Format:

Print the number of upper case and lower case respectively separated by a space.

Example:

Input:

Hello world!

Output:

1 9

### Sample Test Cases

Input

Output

Test

Case 1 thirty SeCONDS To MARS

7  
12

Test

Case 2 In 10 hours, learn the basics of the world's fastest growing and most popular programming language

1  
78

**Week 12**

- Page Rank -  
How does  
Google Work ?  
- Part 01 (unit?  
unit=218&lesson=219)
- Page Rank -  
How does  
Google Work ?  
- Part 02 (unit?  
unit=218&lesson=220)
- Page Rank -  
How does  
Google Work ?  
- Part 03 (unit?  
unit=218&lesson=221)
- Page Rank -  
How does  
Google Work ?  
- Part 04 (unit?  
unit=218&lesson=222)
- Page Rank -  
How does  
Google Work ?  
- Part 05 (unit?  
unit=218&lesson=223)
- Page Rank -  
How does  
Google Work ?  
- Part 06 (unit?  
unit=218&lesson=224)
- Page Rank -  
How does  
Google Work ?  
- Part 07 (unit?  
unit=218&lesson=225)
- Page Rank -  
How does  
Google Work ?  
- Part 08 (unit?  
unit=218&lesson=226)
- Page Rank -  
How does  
Google Work ?  
- Part 09 (unit?  
unit=218&lesson=227)
- Page Rank -  
How does  
Google Work ?  
- Part 10 (unit?  
unit=218&lesson=228)

Test		
Case	Say "Hello, World!" With Python	5
		18
3		
Test		
Case	Hi my naAme is Amit!	3
		12
4		
Test		
Case	Python is an interpreted high-level programming language	1
		48
5		
Test		
Case	Amit and Simran	2
		11
6		

The due date for submitting this assignment has passed.  
As per our records you have not submitted this assignment.  
Sample solutions (Provided by instructor)

```

1 s = input()
2 d={"UPPER CASE":0, "LOWER CASE":0}
3 for c in s:
4     if c.isupper():
5         d["UPPER CASE"]+=1
6     elif c.islower():
7         d["LOWER CASE"]+=1
8     else:
9         pass
10 print(d['UPPER CASE'],d['LOWER CASE'])

```

- Page Rank -  
How does  
Google Work ?  
- Part 11 (unit?  
unit=218&lesson=229)
- Page Rank -  
How does  
Google Work ?  
- Part 12 (unit?  
unit=218&lesson=230)
- Page Rank -  
How does  
Google Work ?  
- Part 13 (unit?  
unit=218&lesson=231)
- Page Rank -  
How does  
Google Work ?  
- Part 14 (unit?  
unit=218&lesson=232)
- Page Rank -  
How does  
Google Work ?  
- Part 15 (unit?  
unit=218&lesson=233)
- Page Rank -  
How does  
Google Work ?  
- Part 16 (unit?  
unit=218&lesson=234)
- Collatz  
Conjecture -  
Part 01 (unit?  
unit=218&lesson=235)
- Collatz  
Conjecture -  
Part 02 (unit?  
unit=218&lesson=236)
- JOC  
Conclusion  
(unit?  
unit=218&lesson=237)
- Quiz :  
Assignment 12  
(assessment?  
name=288)
- Programming  
Assignments-  
1: Sentence  
(/noc20\_cs35/progassignment?  
name=323)

**Programming  
Assignment-  
2: Letters**  
(/noc20\_cs35/progassignment?  
name=324)

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Programming  
Assignment-3:  
Email ID  
(/noc20\_cs35/progassignment?  
name=325)

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Week 12  
Feedback  
(unit?  
unit=218&lesson=326)

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