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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Programming In Java (course)


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Week 7 : Programming Assignment 4

Due on 2022-03-17, 23:59 IST

The following program reads a string from the keyboard and is stored in the String variable "s1". You have to complete the program so that it should print the number of vowels in s1 . If your input data doesn't have any vowel it will print "0".

Your last recorded submission was on **2022-03-14, 16:47 IST**

Select the Language for this assignment. Java ▾

File name for this program : Question4.java

```

1 import java.io.*;
2 import java.util.*;
3
4 public class Question4{
5     public static void main(String[] args) {
6         int c=0;
7         try{
8             InputStreamReader r=new InputStreamReader(System.in);
9             BufferedReader br=new BufferedReader(r);
10            String s1 = br.readLine();
11
12            //Write your code here to count the number of vowels in the string "s1"
13            s1 = s1.toLowerCase();
14            for(int i=0;i<s1.length();i++){
15                char word = s1.charAt(i);
16                if(word == 'a' || word == 'e' || word == 'i' || word == 'o' || word == 'u')
17                    c=c+1;
18            }

```

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 : ()

Lecture 31 : I-O
Stream-II (unit?
unit=59&lesson=60)

Lecture 32 : I-O
Stream-III
(unit?
unit=59&lesson=61)

Lecture 33 :
Demonstration-
XII (unit?
unit=59&lesson=62)

Lecture 34 :
Applet
Programming -
I (unit?
unit=59&lesson=63)

Lecture 35 :
Applet
Programming -
II (unit?
unit=59&lesson=64)

Quiz: Week 7 :
Assignment 7
(assessment?
name=187)

Week 7 :
Programming
Assignment 1
(/noc22_cs47/progassignment?
name=182)

Week 7 :
Programming
Assignment 2
(/noc22_cs47/progassignment?
name=183)

Week 7 :
Programming
Assignment 3
(/noc22_cs47/progassignment?
name=184)

Week 7 :
**Programming
Assignment 4**
(/noc22_cs47/progassignment?
name=185)

```

0      System.out.println(c);
1      }
2      catch (Exception e){
3          System.out.println(e);
4      }
5      }
6  }
```

You may submit any number of times before the due date. The final submission will be considered for grading.

This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program , your assignment will not be graded and you will not see your score after the deadline.

Save as Draft

Compile & Run

Submit

Reset

Private Test cases used for Evaluation

Status

Test Case 1

Passed

Test Case 2

Passed

Test Case 3

Passed

☐ Week 7 :
Programming
Assignment 5
(/noc22_cs47/progassignment?
name=186)

☐ Feedback For
Week 7 (unit?
unit=59&lesson=65)

Week 8 : ()

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