**Practical : 8**

**Aim:** Create a class which ask the user to enter a sentence, and it should display count of each vowel type in the sentence. The program should continue till user enters a word “quit”. Display the total count of each vowel for all sentences.

* //This Program to find that given string is Palindrome or not.

//Developed by Patel Raj M.

//Date: 14th Aug 2017

**import** java.util.Scanner;

**class** Vowel

{

**public** Scanner s1;

**public** String str;

String vowel="aeiouAEIOU";

**private** **int** cvowels=0,i,count=0;

//Default Constructor

//Use for Read Method

Vowel()

{

s1 = **new** Scanner(System.***in***);

//Using the string function

//str = "";

System.***out***.println("Enter the String= ");

//User define the Enter Line

str = s1.nextLine();

}

**public** **void** cvowelMethod()

{

**while**(!str.equals("quit"))

{

count++;

//find length

**int** length = str.length();

**for**(i=0;i<length;i++)

{

**char** ch=str.charAt(i);

**if**(vowel.indexOf(ch) >= 0)

{

cvowels++;

}

}//End for loop

System.***out***.println("Enter the String= ");

//User define the Enter Line

str = s1.nextLine();

}//End While loop

System.***out***.println("Total Sentences= " + count);

System.***out***.println("\nTotal Vowels= " + cvowels);

}

}

//Main class

**public** **class** CountVowel

{

**public** **static** **void** main(String[] args)

{

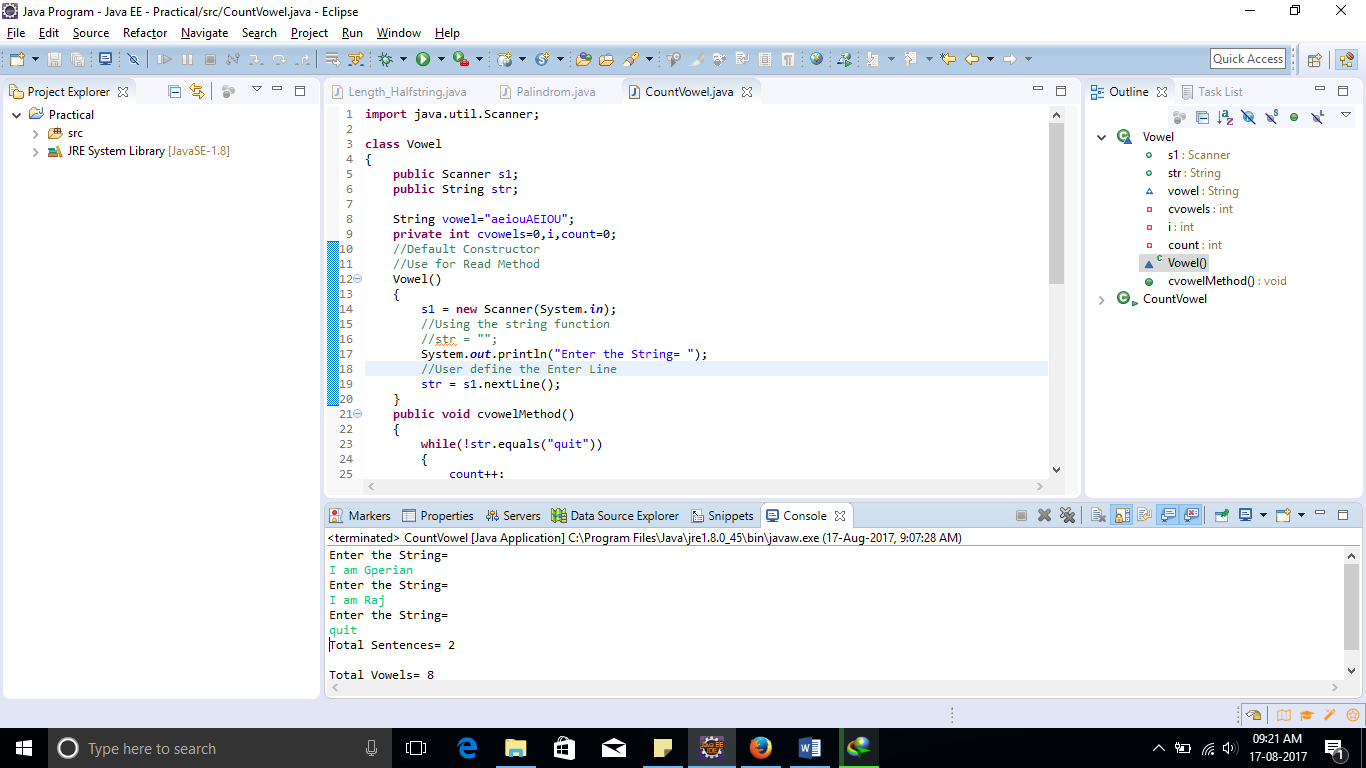
Vowel v = **new** Vowel();

v.cvowelMethod();

}

}

**Output:**

****