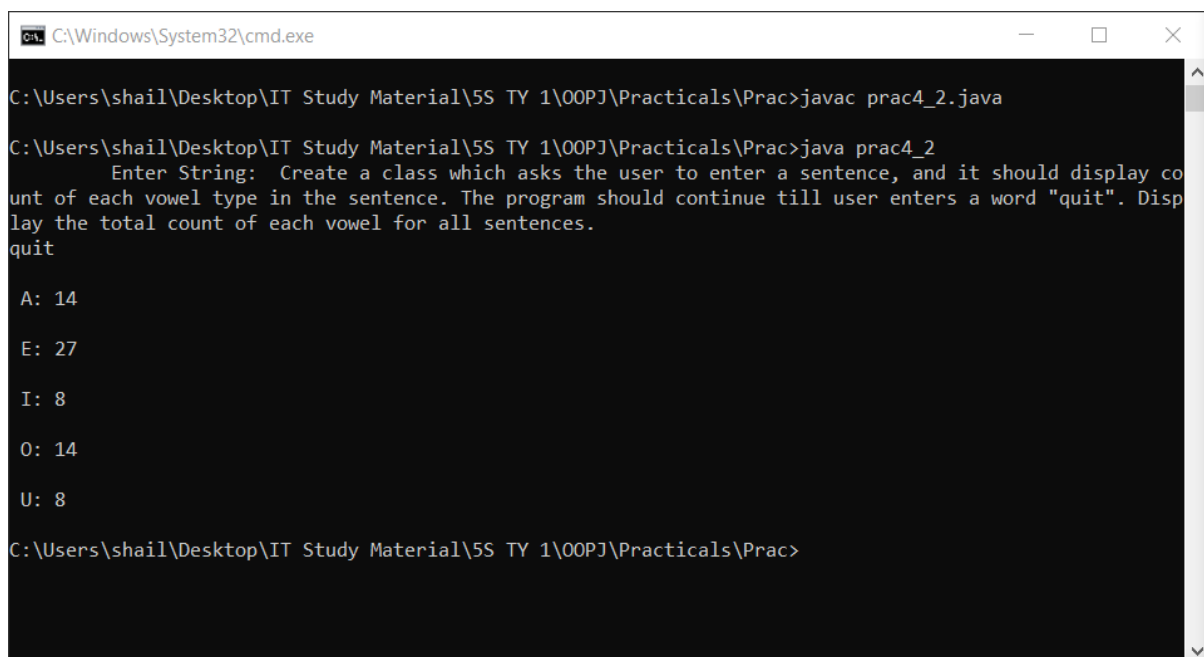


Practical 4 Create a class which asks the user to enter a sentence, and it should display count of each vowel type in the sentence. The program should continue till user enters a word “quit”. Display the total count of each vowel for all sentences.

```
import java.util.*;

class prac4_2
{
    public static void main(String[] st)
    {
        int v=0,aa=0,ee=0,iii=0,oo=0,uu=0;
        String s1;
        int ii;
        char ch;
        Scanner sc=new Scanner(System.in);
        System.out.print("\t Enter String: ");
        s1=sc.nextLine();
        while(!s1.equals("quit"))
        {
            for(ii=0;ii<s1.length();ii++)
            {
                ch=s1.charAt(ii);
                if(ch=='a' || ch=='A')
                    aa++;
                else if(ch=='e' || ch=='E')
                    ee++;
                else if(ch=='i' || ch=='I')
                    iii++;
                else if(ch=='o' || ch=='O')
                    oo++;
                else if(ch=='u' || ch=='U')
```

```
                uu++;  
            }  
            s1=sc.nextLine();  
        }  
        System.out.println("\n A: "+aa);  
        System.out.println("\n E: "+ee);  
        System.out.println("\n I: "+iii);  
        System.out.println("\n O: "+oo);  
        System.out.println("\n U: "+uu);  
    }  
}
```



```
C:\Windows\System32\cmd.exe  
C:\Users\shail\Desktop\IT Study Material\SS TY 1\00PJ\Practicals\Prac>javac prac4_2.java  
C:\Users\shail\Desktop\IT Study Material\SS TY 1\00PJ\Practicals\Prac>java prac4_2  
Enter String: Create a class which asks the user to enter a sentence, and it should display co  
unt of each vowel type in the sentence. The program should continue till user enters a word "quit". Disp  
lay the total count of each vowel for all sentences.  
quit  
  
A: 14  
E: 27  
I: 8  
O: 14  
U: 8  
C:\Users\shail\Desktop\IT Study Material\SS TY 1\00PJ\Practicals\Prac>
```