**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);

}

}

