

```

1 //java program to accept a string
2 //count and display the no.of vowels,consonants,spaces
3
4 import java.util.Scanner;
5
6 class strings{
7     public static void main(String[] args){
8         Scanner sc = new Scanner(System.in);
9         String a;
10        int vowels=0,consonants=0,spaces=0,i;
11        System.out.print("Enter the string: ");
12        a = sc.nextLine();
13        for(i=0;i<a.length();i++){
14            if(a.charAt(i) == 'a' ||a.charAt(i) == 'e' ||a.charAt(i) == 'i' ||a.charAt(i) == 'o' ||a.charAt(i) == 'u'
15                vowels++;
16            else if(a.charAt(i) == ' ')
17                spaces++;
18            else
19                consonants++;
20        }
21        System.out.print("No. of vowels: "+vowels+" consonants: "+consonants+" spaces: "+spaces);
22    }
23 }

```

Output:

```

Process started (PID=32180) >>>
Enter the string: Medha Madhusudhan
No. of vowels: 6 consonants: 10 spaces: 1<<< Process finished (PID=32180). (Exit code 0)
===== READY =====

```