

Ques 6,

```

import java.util.Scanner;

class prog6 {
    public static void main (String[] args)
    {
        Scanner sc = new Scanner (System.in);
        String str;
        System.out.println ("Enter the string:");
        str = sc.nextLine();
        int vowels = 0, consonants = 0, space = 0;
        int i = 0, l = str.length();
        char s;
        for (i = 0; i < l; i++)
        {
            s = str.charAt(i);
            if ((s >= 'a' && s <= 'z') || (s >= 'A' && s <= 'Z'))
            {
                if (s == 'a' || s == 'e' || s == 'i' || s == 'o' || s == 'u' || s == 'A'
                    || s == 'E' || s == 'I' || s == 'O' || s == 'U')
                {
                    vowels++;
                }
                else
                    consonants++;
            }
            else if (s == ' ')
                space++;
        }
    }
}

```

System.out.println("The number of vowels are:",
+ vowels);

System.out.println("The number of consonants
are:" + consonants);

System.out.println("The number of space are:"
+ space);