



The image shows a Sublime Text editor window with two tabs: 'bankih.java' and 'stringcount.java'. The 'stringcount.java' tab is active, displaying a Java program. The code is as follows:

```
1  /*Design a Java program to accept a string. Count and display the number of
2  vowels, consonants and spaces in the string*/
3  import java.util.Scanner;
4  class Stringc{
5      public static void main(String args[]){
6          System.out.println("Enter a string:");
7          Scanner ss=new Scanner(System.in);
8          String s=ss.nextLine();
9          s=s.toLowerCase();
10         int x=0,y=0,z=0;
11         for(int i=0;i<s.length();i++){
12             if(s.charAt(i)=='a' || s.charAt(i)=='e' || s.charAt(i)=='i' || s.charAt(i)=='o' || s.charAt(i)=='u')
13                 x++;
14             else if(s.charAt(i)==' ')
15                 y++;
16             else
17                 z++;
18         }
19         System.out.println("The number of vowels are "+x+" , number of consonants are "+z+" and number of spaces are "+y);
20     }
21 }
```

The status bar at the bottom indicates 'Line 21, Column 2', 'Tab Size: 4', and 'Java'.

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11         for(int i=0;i<s.length();i++){
12             if(s.charAt(i)=='a' || s.charAt(i)=='e' || s.charAt(i)=='i' ||
13                s.charAt(i)=='o' || s.charAt(i)=='u'){
14                 x++;
15             } else if(s.charAt(i)==' '){
16                 y++;
17             } else {
18                 z++;
19             }
20             System.out.println("The number of vowels are "+x+" , number
21         }
22     }
```

Command Prompt

```
C:\Program Files\Java\bin\basic>java stringc
Enter a string:
hello there
The number of vowels are 4 , number of consonants are 6 and number of spaces are 1

C:\Program Files\Java\bin\basic>java stringc
Enter a string:
hi how are you
The number of vowels are 6 , number of consonants are 5 and number of spaces are 3

C:\Program Files\Java\bin\basic>_
```