

```
Sample.java
1
2 //print consonant values in the string
3
4 package org.sample;
5
6 import java.util.*;
7 import java.util.Map.Entry;
8
9 public class Sample {
10
11     public static void main(String[] args) {
12         String s="welcome to java class today";
13         char[] ch = s.toCharArray();
14         Map<Character,Integer> mp=new TreeMap<Character,Integer>();
15         for(int i=0;i<ch.length;i++) {
16             char c = ch[i];
17             if((c>='a'&&c<='z')||(c>='A'&&c<='Z')) {
18                 if(!(c=='a' || c=='e' || c=='i' || c=='o' || c=='u' || c=='A' || c=='E' || c=='I' || c=='O' || c=='U')) {
19                     if(mp.containsKey(c)) {
20                         Integer inte = mp.get(ch[i]);
21                         mp.put(c, inte+1);
22                     }
23                     else {
24                         mp.put(c, 1);
25                     }
26                 }
27             }
28         }
29         Set<Entry<Character,Integer>> entrySet = mp.entrySet();
30         for (Entry<Character, Integer> entry : entrySet) {
31             System.out.println(entry);
32         }
33     }
34 }
```

Console

<terminated> Sample

c=2
d=1
j=1
l=2
m=1
s=2
t=2
v=1
w=1
y=1

```
Sample.java *Stat.java String_Mathematics.java Org.java
1 //count of all caps small digits special count without special methods
2
3 package org.sample;
4
5 public class Stat extends Sample {
6
7     public static void main(String[] args) {
8
9         String s1="Azarara321@gmail.com";
10         int s=0,c=0,n=0,ch=0;
11         String small="",caps="",digit="",spcl="";
12         for(int i=0;i<s1.length();i++) {
13             char a = s1.charAt(i);
14             if(a>=97&&a<=122) {
15                 s++;
16                 small=small+a;
17             }
18             else if(a>=65&&a<=90) {
19                 c++;
20                 caps=caps+a;
21             }
22             else if(a>=48&&a<=57) {
23                 n++;
24                 digit=digit+a;
25             }
26             else {
27                 ch++;
28                 spcl=spcl+a;
29             }
30         }
31         System.out.println("Small==>"+s==">"+small);
32         System.out.println("Capital==>"+c==">"+caps);
33         System.out.println("Digit==>"+n==">"+digit);
34         System.out.println("Special Character==>"+ch);
35     }
36
37 }
38 }
```

Console

<terminated> Stat [Java Application] C:\

Small==>14==>azararagmailcom
Capital==>1==>A
Digit==>3==>321
Special Character==>2