

1.Read a string, and count the number of alphabets, digits, symbols, space characters, words present in a string.

In the same program ,accept a string and check whether it is present in the main string or not.

Input : Java18 is a robust language.

```
package nikki.com;
```

```
public class Stringg {  
    public static void main(String[] args) {  
        int count=0;  
        int ch;  
        int alpha=0;  
        int digit=0;  
        int space=0;  
        int special=0;  
        String sub="robust";  
        String s= "Java 18 is a robust language";  
        for(int i=0;i<s.length();i++)  
        {  
            ch=s.charAt(i);  
            if(ch>='a'&&ch<='z' || ch>='A'&&ch<='Z' )  
            {  
                alpha++;  
            }  
            else if(ch>='0'&& ch<='9')  
            {  
                digit++;  
            }  
            else if(ch==' ' )  
            {  
                space++;  
            }  
        }  
    }  
}
```

```

        else
        {
            special++;
        }
    }
    System.out.println(" count of aphabetes "+alpha);
    System.out.println(" count of digits "+digit);
    System.out.println(" count of number of words "+space);
    System.out.println(" count of special charecters "+special++);
    System.out.println(s.contains(sub));
}

}

```

### Output:

```

count of aphabetes 21
count of digits 2
count of number of words 5
count of special charecters 0
true

```

2. Read userid, password and compare with predefined string constants. (use equal Ignore case method)

Eg: uid:AF0123 PWD:stu@123

```
package nikki.com;
import java.util.Scanner;
public class String2 {
    public static void main(String[] args)
    {
        Scanner obj=new Scanner(System.in);
        String userid,pwd;
        userid="AF0123";
        pwd="stu@123";
        System.out.println("Enter your userid");
        userid=obj.next();
        System.out.println("Enter your password");
        pwd=obj.next();
        if(userid.equalsIgnoreCase(userid)&pwd.equalsIgnoreCase(pwd))
            System.out.println("your login successful");
        else
            System.out.println("Wrong userid or password");
    }
}
```

### Output:

Enter your userid

AF0123

Enter your password

stu@123

your login successful

