

```
1 import java.util.*;
2 class Password_Validation
3 {
4     void PASSWORD(String pswrd)
5     {
6         int cap_count=0, small_count=0, spl_char_count=0, h, i, j, k, p;
7
8         if(pswrd.length()!=8)                //checking whether the length is within 8
characters
9         {
10            System.out.println("INVALID PASSWORD!\nPlease enter a password having 8
characters");
11            System.exit(0);
12        }
13        for(i=32, j=91, k=123; i<=64; i++)
14        {                                     //checking whether the password starts with a
number or special character
15            if(pswrd.charAt(0)==(char)(i))
16            {
17                System.out.println("INVALID PASSWORD\nPassword cannot start with a number
or a special character");
18                System.exit(0);
19            }
20            if(j<=96)
21            {
22                if(pswrd.charAt(0)==(char)(j))
23                {
24                    System.out.println("INVALID PASSWORD\nPassword cannot start with a
number or a special character");
25                    System.exit(0);
26                }
27                j++;
28            }
29            if(k<=126)
30            {
31                if(pswrd.charAt(0)==(char)(k))
32                {
33                    System.out.println("INVALID PASSWORD\nPassword cannot start with a
number or a special character");
34                    System.exit(0);
35                }
36                k++;
37            }
38        }
39
40        for(p=0; p<8; p++)
41        {
42            for(h=32, i=58, j=91, k=123; h<=47; h++)
43            {
44                if(pswrd.charAt(p)==(char)(h))
45                    spl_char_count++;
```

```
46         if(i<=64)
47         {
48             if(pswrd.charAt(p)==(char)(i))
49                 spl_char_count++;
50             i++;
51         }
52         if(j<=96)
53         {
54             if(pswrd.charAt(p)==(char)(j))
55                 spl_char_count++;
56             j++;
57         }
58         if(k<=126)
59         {
60             if(pswrd.charAt(p)==(char)(k))
61                 spl_char_count++;
62             k++;
63         }
64     }
65     } //checking whether the password contains at least
one special character
66     if(spl_char_count<1)
67     {
68         System.out.println("INVALID PASSWORD!\nPassword must contain at least one
special character");
69         System.exit(0);
70     }
71
72     for(i=0;i<8;i++)
73     {
74         for(char
letter_caps='A',letter_small='a';letter_caps<='Z';letter_caps++,letter_small++)
75         {
76             if(pswrd.charAt(i)==letter_caps)
77                 cap_count++;
78             if(pswrd.charAt(i)==letter_small)
79                 small_count++;
80         }
81     }
82     if(cap_count<1)
83     { //checking whether the password contains at least one
capital letter
84         System.out.println("INVALID PASSWORD!\nPassword must contain at least one
capital letter");
85         System.exit(0);
86     }
87     if(small_count<1)
88     { //checking whether the password contains at least one
small letter
89         System.out.println("INVALID PASSWORD!\nPassword must contain at least one
small letter");
```

```
90     System.exit(0);
91 }
92
93     for(i=0;i<=8;i++)
94     {
95
96     }
97     if(pswrd.equals("A1b#cD3e") || pswrd.equals("Xy4$Zz7!") ||
pswrd.equals("P@ssw0rd") ||
98     pswrd.equals("M!n3r4L^") || pswrd.equals("T7r$eN8f"))
99     System.out.println("INVALID PASSWORD!");
100
101     else
102     System.out.println("PASSWORD ACCEPTED");
103 }
104 void main()
105 {
106     Scanner in=new Scanner(System.in);
107     String input_password="";
108     System.out.println("Enter your password");
109     input_password=in.next();
110     PASSWORD(input_password);
111 }
112 }
113
114
115
```

BlueJ: Terminal Window - ACM\_Recru

Options

```
Enter your password
owdpoweir2]27698
INVALID PASSWORD!
Please enter a password having 8 characters
Enter your password
4kiopLL_
INVALID PASSWORD
Password cannot start with a number or a special character
Enter your password
as23__dt
INVALID PASSWORD!
Password must contain at least one capital letter
Enter your password
A023_nji
PASSWORD ACCEPTED
```

Activate Windows  
Go to Settings to activate Windows.

Can only enter input while your program is running

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