

```
1 import java.util.Scanner;
2 //TIP To <b>Run</b> code, press <shortcut actionId="
  Run"/> or
3 // click the <icon src="AllIcons.Actions.Execute"/>
  icon in the gutter.
4 public class Main {
5     public static void main(String[] args) {
6         System.out.println("input 8 digit password:"
7         );
8         Scanner SC = new Scanner(System.in);
9         String A = SC.nextLine();
10        if (isValidpassword(A)) {
11            System.out.println("password is valid ");
12        }
13        else{
14            System.out.println("password is invalid.
15            enter 8 characters including digits");
16        }
17    }
18
19    public static boolean isValidpassword(String A) {
20        if(A.length()>8){
21            return false;
22        }
23        boolean hasAUpperCaseLetter= false;
24        boolean hasNumber= false;
25        for(char c:A.toCharArray()){
26            if (Character.isLetter(c)){
27                hasAUpperCaseLetter=true;
28            }else if (Character.isDigit(c)){
29                hasNumber=true;
30            }
31        }
32        if (hasAUpperCaseLetter && hasNumber){
33            return true;
34        }
35        return false;
36    }
37 }
```