

```

import java.util.*;

class PasswordInvalidException extends Exception
{
    public PasswordInvalidException(String str2) {
        super(str2);
    }
}

public class Main
{
    public static void main(String[] args)
    {
        Scanner sc=new Scanner(System.in);
        String s=sc.nextLine();
        int specialchar=0,caps=0,num=0;
        for(int i=0;i<s.length();i++)
        {
            if(s.charAt(i)=='!' || s.charAt(i)=='@' || s.charAt(i)=='#' || s.charAt(i)=='$' || s.charAt(i)=='%' ||
s.charAt(i)=='^' || s.charAt(i)=='&' || s.charAt(i)=='*' || s.charAt(i)=='(' || s.charAt(i)=='')
            {
                specialchar++;
            }
            if(s.charAt(i)>='A' && s.charAt(i)<='Z')
            {
                caps++;
            }
            if(s.charAt(i)>='0' && s.charAt(i)<='9')
            {
                num++;
            }
        }
    }
}

```

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    }  
}  
try  
{  
    if(specialchar>0 && caps>0 && s.length()>16 && num==0)  
    {  
        throw new PasswordInvalidException("Password Changed Successfully");  
    }  
    if(num>0)  
    {  
        throw new PasswordInvalidException("Password Should not have numerics");  
    }  
    if(s.length()<16)  
    {  
        throw new PasswordInvalidException("Password length should be greater than 16");  
    }  
}  
catch(Exception e)  
{  
    System.out.println(e.getMessage());  
    System.out.println("Validation Done!");  
}  
  
}  
  
}
```