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**Roll No: 31**

**Batch: RMCA B**

**Date: 31/05/2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.:18**

**Aim**

Write a user defined exception class to authenticate the user name and password

**Procedure**

import java.util.Scanner;  
  
class UsernameException extends Exception {  
   
 public UsernameException(String msg) {  
  super(msg);  
 }  
}  
  
class PasswordException extends Exception {  
   
 public PasswordException(String msg) {  
  super(msg);  
 }  
}  
  
public class CheckLoginCredential {  
  
 public static void main(String[] args) {  
    Scanner s = new Scanner(System.in);  
  String username, password;  
   
  System.out.print("Enter username :: ");  
  username = s.nextLine();  
   
  System.out.print("Enter password :: ");  
  password = s.nextLine();  
   
  int length = username.length();  
   
  try {  
   if(length < 6)  
    throw new UsernameException("Username must be greater than 6 characters ???");  
   else if(!password.equals("hello"))  
    throw new PasswordException("Incorrect password\nType correct password ???");  
   else  
    System.out.println("Login Successful !!!");  
  }  
  catch (UsernameException u) {  
   u.printStackTrace();  
  }  
  catch (PasswordException p) {  
   p.printStackTrace();  
  }  
  finally {  
   System.out.println("The finally statement is executed");  
  }  
 }  
}

**OUTPUT**

