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**Roll No:6**

**Batch:B**

**Date:31/05/22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: CO4-2**

**Aim**

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

**PROCEDURE**

import java.util.Scanner;

class Username\_Exception extends Exception {

public Username\_Exception(String string) {

super(string);

}

}

class Password\_Exception extends Exception {

public Password\_Exception(String string) {

super(string);

}

}

public class login1 {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String username, password;

System.out.print("Enter username:");

username = sc.nextLine();

System.out.print("Enter password:");

password = sc.nextLine();

int length = username.length();

try {

if(length>8)

throw new Username\_Exception("username must be atmost 8 characters!");

if(!password.equals("1212"))

throw new Password\_Exception("Incorrect password\nEnter the correct password??");

else

System.out.println("\*\*\*Successfully login\*\*\*");

}

catch (Username\_Exception U) {

U.printStackTrace();

}

catch (Password\_Exception P) {

P.printStackTrace();

}

finally {

System.out.println("The finally statement is executed ");

}

}

}

**Output**

