**Object Oriented Programming LAB**

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**Aim**

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

**Procedures**

**Source Code**

import java.util.Scanner;

import javax.swing.plaf.synth.SynthEditorPaneUI;;

public class Exc {

    public static class InvalidUserException extends Exception {

        public InvalidUserException() {

            super("Invalid username / password provided!");

        }

    }

    public static void main(String[] args) {

        String name,pass;

        Scanner sc = new Scanner(System.in);

        String username,password;

        System.out.println("enter the admin username");

        username=sc.next();

        System.out.println("enter the admin password");

        password=sc.next();

        System.out.println("enter the username");

        name=sc.next();

        System.out.println("enter the password");

        pass=sc.next();

        try {

            if (username.equals(name) && password.equals(pass)) {

                System.out.println("Authenticated successfully!");}

                 else {

                     throw new InvalidUserException();

            } }

            catch (InvalidUserException e) {

            System.out.println(e);

        }

    }}

**Output**

