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**Roll No:25**

**Batch: B**

**Date:31/05/22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 22**

**Aim**

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

**PROCEDURE**

import java.util.Scanner;

class authException extends Exception

{

public authException(String s) {

super(s);

}

}

public class Userauthentication

{

public static void main(String[] args) {

String username = "student";

String passcode = "student123";

String user\_name,password;

Scanner sc = new Scanner(System.in);

try

{

System.out.println("Enter the username:");

user\_name = sc.nextLine();

System.out.println("Enter the password:");

password = sc.nextLine();

if(username.equals(user\_name) && passcode.equals(password))

{

System.out.println("Authentication successful...");

}

else

throw new authException("Invalid user credentials");

}

catch(authException e)

{

System.out.println("Exception caught "+e);

}

}

}

**OUTPUT**

