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**Roll No:52**

**Batch:B**

**Date:29-05-22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 18**

**Aim:**

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

**Program:**

**Authentication**

import Authentication.\*;

import java.util.Scanner;

public class Authentication {

public static void main(String[] args) {

String username = "vishnu";

String password = "mynamevishnu";

Scanner sc = new Scanner(System.in);

System.out.println("Please Enter Your Username");

String u1 = sc.nextLine();

System.out.println("Please Enter The Password");

String u2 = sc.nextLine();

try {

if ((u1.equals(username)) && (u2.equals(password))) {

System.out.println("Acess Granted");

}

else {

throw new credentialexception("Invalid Credentials");

}

}

catch (credentialexception e){

System.out.println(e.getMessage());

}

}

}

**credentialexception**

package Authentication;

public class credentialexception extends Exception{

public credentialexception(String s){

super(s);

}

}

**OUTPUT:**

