## OBJECT ORIENTED PROGRAMMING LAB

Name: Mathew Sebastian

Roll No: 18

Batch: S2 RMCA B

Date: 01-06-2022

## Experiment No:(co4)23

## 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();


try {
if(!username.equals("libin"))
throw new UsernameException("Username is incorrect");
else if(!password.equals("libin1"))
throw new PasswordException("Incorrect password\n");
else
```
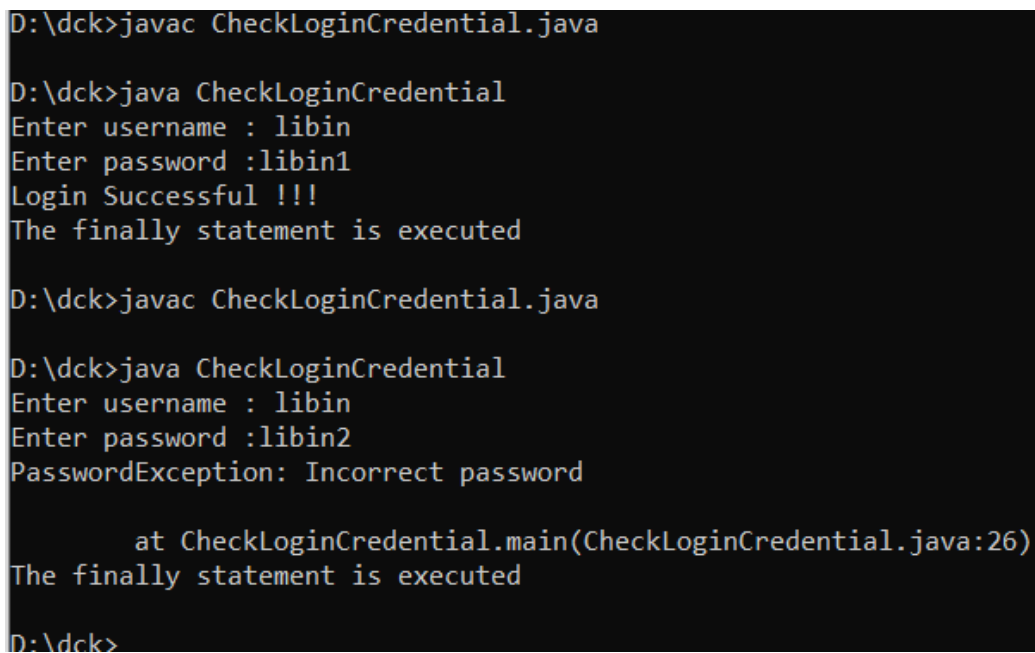
```
System.out.println("Login Successful !!!");
}
catch (UsernameException u) {
u.printStackTrace();
}
catch (PasswordException p) {
p.printStackTrace();
}
finally {
System.out.println("The finally statement is executed");
}
}
}
```

## Output Screenshot

```
D:\dck>javac CheckLoginCredential.java

D:\dck>java CheckLoginCredential
Enter username : libin
Enter password :libin1
Login Successful !!!
The finally statement is executed

D:\dck>javac CheckLoginCredential.java

D:\dck>java CheckLoginCredential
Enter username : libin
Enter password :libin2
PasswordException: Incorrect password

        at CheckLoginCredential.main(CheckLoginCredential.java:26)
The finally statement is executed

D:\dck>
```