

**OBJECT-ORIENTED PROGRAMMING LAB****Experiment No.: 18****Aim**

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

**Program** public class  
CustomExceptionExample1 {

public static class InvalidUserException extends Exception {

public InvalidUserException() {

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

}

}

public static void main(String[] args) {

String username = "abhi";

String password = "pass";

try

{

if (username.equals("user") && password.equals("pass")) {

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

```
    } else {
```

```
        throw new InvalidUserException();
```

```
    }
```

```
    } catch (InvalidUserException e) {
```

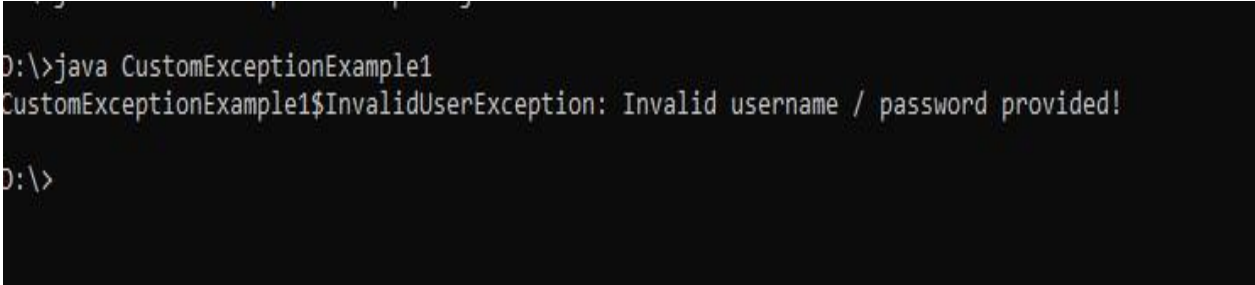
```
        System.out.println(e);
```

```
    }
```

```
}
```

```
}
```

### **Output Screenshot**



```
D:\>java CustomExceptionExample1
CustomExceptionExample1$InvalidUserException: Invalid username / password provided!
D:\>
```