

OBJECT ORIENTED PROGRAMMING LAB**Experiment No: 22****Aim**

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

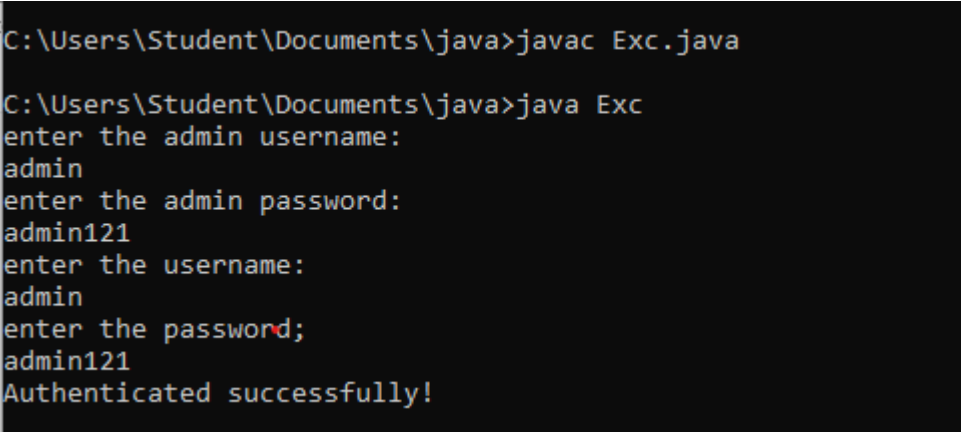
Procedure

```
import java.util.Scanner;
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!");
            }
        }
    }
}
```

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```
else {  
    throw new InvalidUserException();  
} }  
catch (InvalidUserException e) {  
    System.out.println(e);  
}  
}  
}
```

Output Screenshot



```
C:\Users\Student\Documents\java>javac Exc.java  
C:\Users\Student\Documents\java>java Exc  
enter the admin username:  
admin  
enter the admin password:  
admin121  
enter the username:  
admin  
enter the password;  
admin121  
Authenticated successfully!
```