

## **Taller 02 – AspectJ**



**Diseño de Software**

**Paralelo 101**

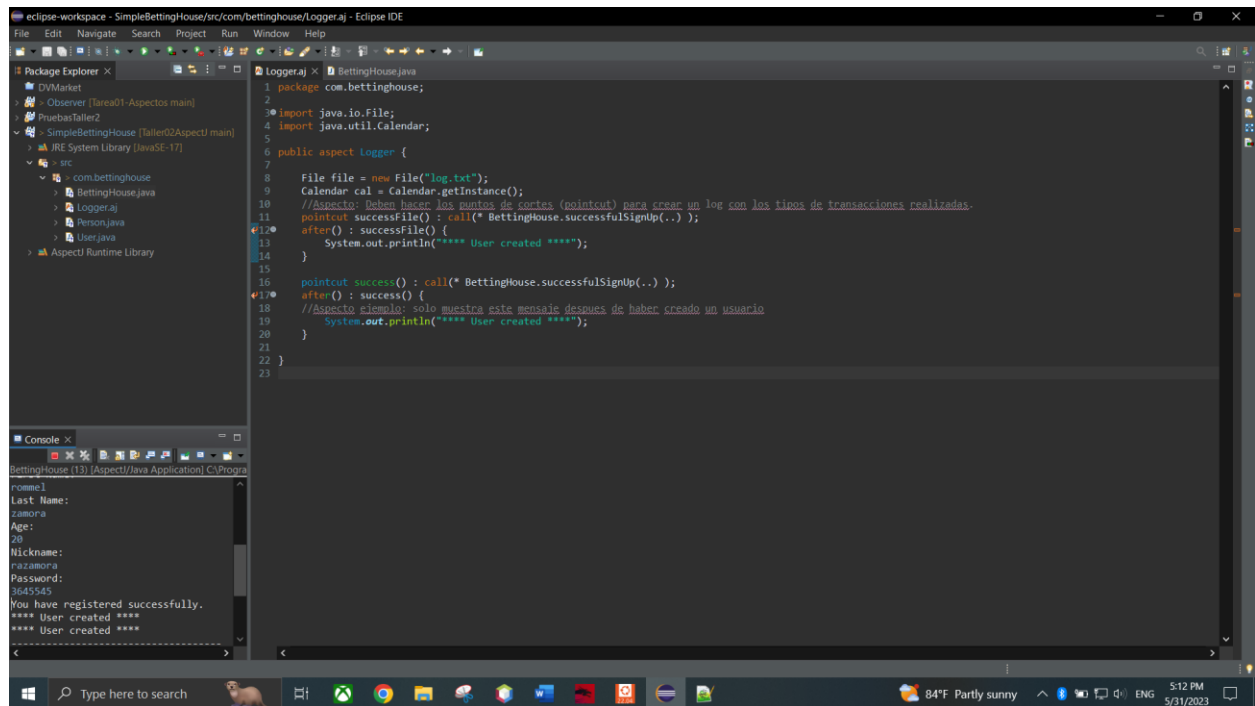
**Rommel Zamora Wong**

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Evidencias parte 3	3

## Capturas de Evidencia:

### Segunda Parte:



The screenshot shows the Eclipse IDE with the `LoggerAspect.java` file open. The code defines an aspect that logs successful signups. The console output shows the results of a successful signup for a user named 'jmsantos'.

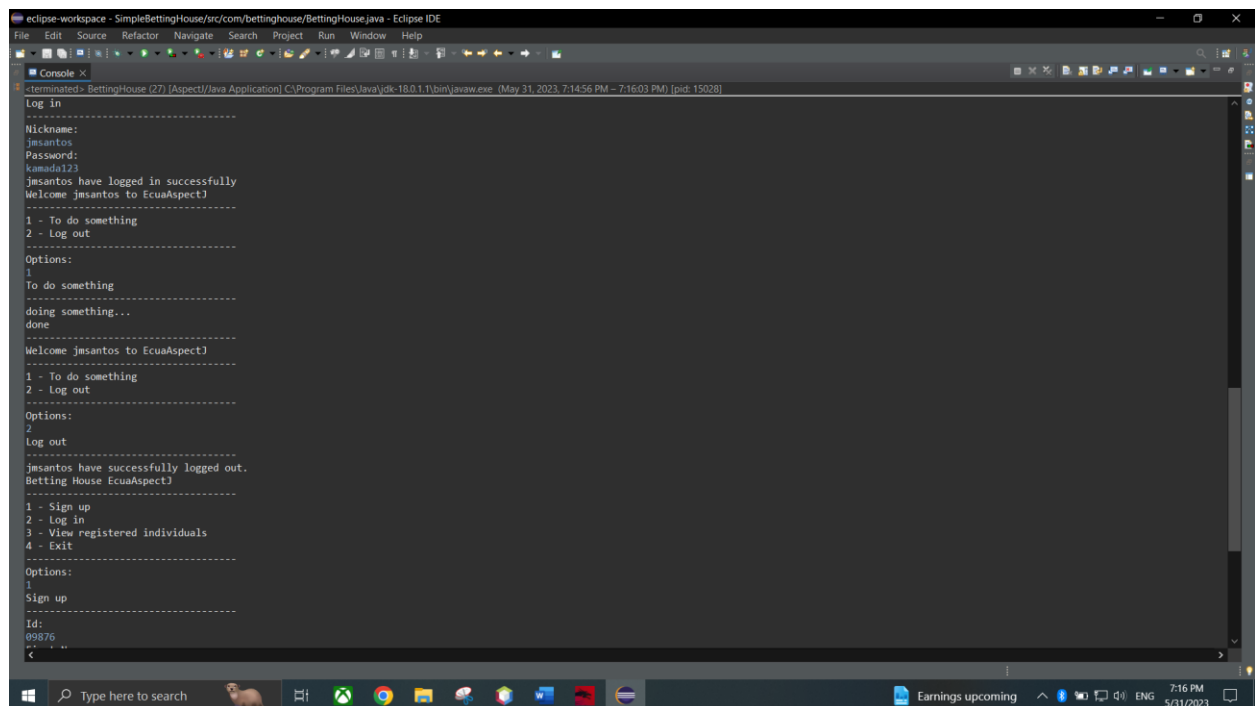
```
package com.bettinghouse;
import java.io.File;
import java.util.Calendar;

public aspect Logger {
    File file = new File("log.txt");
    Calendar cal = Calendar.getInstance();
    //Aspecto: Deben hacer los puntos de corte (pointcut) para crear un log con los tipos de transacciones realizadas.
    pointcut successFile() : call(* BettingHouse.successfulSignup(..));
    after() : successFile() {
        System.out.println("**** User created ****");
    }
    pointcut success() : call(* BettingHouse.successfulSignup(..));
    after() : success() {
        //Aspecto ejemplo: solo muestra este mensaje despues de haber creado un usuario
        System.out.println("**** User created ****");
    }
}
```

Console Output:

```
romme]
Last Name:
zamora
Age:
20
Nickname:
razamora
Password:
3645545
You have registered successfully.
**** User created ****
**** User created ****
```

### Tercera Parte:



The screenshot shows the Eclipse IDE with the `BettingHouse.java` file open. The code defines a simple betting house application. The console output shows the results of a successful login for a user named 'jmsantos'.

```
package com.bettinghouse;
import java.io.File;
import java.util.Calendar;

public class BettingHouse {
    public static void main(String[] args) {
        // ... (code for login, signup, etc.)
    }
}
```

Console Output:

```
<terminated> BettingHouse (27) [Aspect/Java Application] C:\Program Files\Java\jdk-18.0.1\bin\javaw.exe. (May 31, 2023, 7:14:56 PM - 7:16:03 PM) [pid: 15028]
Log in
-----
Nickname:
jmsantos
Password:
kamada123
jmsantos have logged in successfully
Welcome jmsantos to EcuaAspect]
-----
1 - To do something
2 - Log out
-----
Options:
1
To do something
doing something...
done
-----
Welcome jmsantos to EcuaAspect]
-----
1 - To do something
2 - Log out
-----
Options:
2
Log out
-----
jmsantos have successfully logged out.
Betting House EcuaAspect]
-----
1 - Sign up
2 - Log in
3 - View registered individuals
4 - Exit
-----
Options:
1
Sign up
-----
id:
09876
-----
<
```

```
eclipse-workspace - SimpleBettingHouse/src/com/bettinghouse/BettingHouse.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

<terminated> BettingHouse (27) [AspectJ/Java Application] C:\Program Files\Java\jdk-18.0.1\bin\javaw.exe (May 31, 2023, 7:14:56 PM - 7:16:03 PM) [pid: 15028]

Nickname:
dlaborde
Password:
aspectj150
dlaborde have logged in successfully
Welcome dlaborde to EcuaAspectJ
-----
1 - To do something
2 - Log out
-----
Options:
1
To do something
-----
doing something...
done
-----
Welcome dlaborde to EcuaAspectJ
-----
1 - To do something
2 - Log out
-----
Options:
2
Log out
-----
dlaborde have successfully logged out.
Betting House EcuaAspectJ
-----
1 - Sign up
2 - Log in
3 - View registered individuals
4 - Exit
-----
Options:
2
Log in
-----
Nickname:
jmsantos
Password:
kamada123
<
```

```
eclipse-workspace - SimpleBettingHouse/src/com/bettinghouse/BettingHouse.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

<terminated> BettingHouse (27) [AspectJ/Java Application] C:\Program Files\Java\jdk-18.0.1\bin\javaw.exe (May 31, 2023, 7:14:56 PM - 7:16:03 PM) [pid: 15028]

Betting House EcuaAspectJ
-----
1 - Sign up
2 - Log in
3 - View registered individuals
4 - Exit
-----
Options:
1
Sign up
-----
Id:
12345
First Name:
ron
Last Name:
zam
Age:
20
Nickname:
r2
Password:
123456
You have registered successfully.
-----
Betting House EcuaAspectJ
-----
1 - Sign up
2 - Log in
3 - View registered individuals
4 - Exit
-----
Options:
2
Log in
-----
Nickname:
dlaborde
Password:
aspectj150
dlaborde have logged in successfully
Welcome dlaborde to EcuaAspectJ
<
```

```
eclipse-workspace - SimpleBettingHouse/src/com/bettinghouse/BettingHouse.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Console X
[terminated] BettingHouse (27) [AspectJ/Java Application] C:\Program Files\Java\jdk-18.0.1\bin\javaw.exe (May 31, 2023, 7:14:56 PM - 7:16:03 PM) [pid: 15028]

2 - Log out
-----
Options:
2
Log out
jmsantos have successfully logged out.
Betting House EcuaAspectJ
-----
1 - Sign up
2 - Log in
3 - View registered individuals
4 - Exit
-----
Options:
1
Sign up
-----
Id:
09876
First Name:
adr
Last Name:
won
Age:
30
Nickname:
adruon
Password:
53728
You have registered successfully.
Betting House EcuaAspectJ
-----
1 - Sign up
2 - Log in
3 - View registered individuals
4 - Exit
-----
Options:
4
<
```

```
eclipse-workspace - SimpleBettingHouse/src/com/bettinghouse/BettingHouse.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Package Explorer X
D:\Market
> Observer [Tarea01-Aspectos main]
> PruebasTaller2
> SimpleBettingHouse [Taller02AspectJ main]
  > JRE System Library [JavaSE-17]
    > src
      > com.bettinghouse
        > BettingHouse.java
        > Logger.java
        > Person.java
        > User.java
      > AspectJ Runtime Library

com.bettinghouse.BettingHouse.java - SimpleBettingHouse/src

1 package com.bettinghouse;
2
3 import java.util.HashMap;
4
5 public class BettingHouse {
6     stat
7     priv
8     publ
9
10     stat
11     priv
12     publ
13
14
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