



SEMESTRE MAYO- AGOSTO

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Activity: WS15 - Debug

The screenshot shows the Apache NetBeans IDE with the source code of `ChickenFarmSystem.java` open. The code includes methods for creating a `Poop` object, an `Egg` object, and a `Chicken` object. The debugger console shows the following output:

```
debug:
Chicken --> Chicken[id=1, name=Lucy, color=White and Brown, age=2, isMolting=false, bornOnDate=Thu Dec 07 10:45:37 ECT 2023]
Chicken 1 is clucking
Chicken 1 is wandering
Chicken 1 is eating
Chicken 1 is drinking
Pooping --> Poop[id=1]
```

The screenshot shows the Apache NetBeans IDE with the source code of `ChickenFarmSystem.java` open. The Variables window is also open, showing the following variables and their values:

Name	Type	Value
egg	Egg	#339
id	int	1
this	Chicken	#317
age	int	2
bornOnDate	Date	Evaluating...
color	String	"White and Brown"
id	int	1



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Apache NetBeans IDE 19

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

251.0/568.0 MB

Projects Files Services Debugging

Common-Cleaner/ running
main/ suspended at 'Chicken.layAnEgg:64'
Chicken.layAnEgg:64
Chicken.doStuff:29
ChickenFarmSystem.main:22
Notification Thread/ running

Source History

```
1 package ec.edu.espe.chickenfarm.view;  
2  
3 import ec.edu.espe.chickenfarm.model.Chicken;  
4 import java.util.Date;  
5  
6 /**  
7  *  
8  * @author Jefferson David Yeppez Moran, Bit Coders, DCCO - ESPE  
9  */  
10 public class ChickenFarmSystem {  
11     public static void main(String[] args) {  
12         int id = 1;  
13         String name = "Lucy";  
14         String color = "White and Brown";  
15         boolean isMolting = false;  
16         Date bornOnDate = new Date();  
17  
18         Chicken chicken = new Chicken(id, name, color, age, id, isMolting, bornOnDate);  
19  
20         System.out.println("Chicken --> " + chicken);  
21  
22         chicken.doStuff(1000L, 5);  
23  
24     }  
25  
26 }
```

Variables Breakpoints

Name	Type	Value
<Enter new watch>		
egg	Egg	#339
id	int	1
this	Chicken	#317
age	int	2
bornOnDate	Date	Evaluating...
color	String	"White and Brown"
id	int	1

Output

ChickenFarmWs15 (debug) Debugger Console

```
debug:  
Chicken --> Chicken[id=1, name=Lucy, color=White and Brown, age=2, is  
Chicken 1 is clucking  
Chicken 1 is wandering  
Chicken 1 is eating  
Chicken 1 is drinking  
Pooping --> Poop[id=1]
```

ChickenFarmWs15 (debug) running... 22:28 INS

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10:54 7/12/2023