

# OBJECT-ORIENTED PROGRAMIN

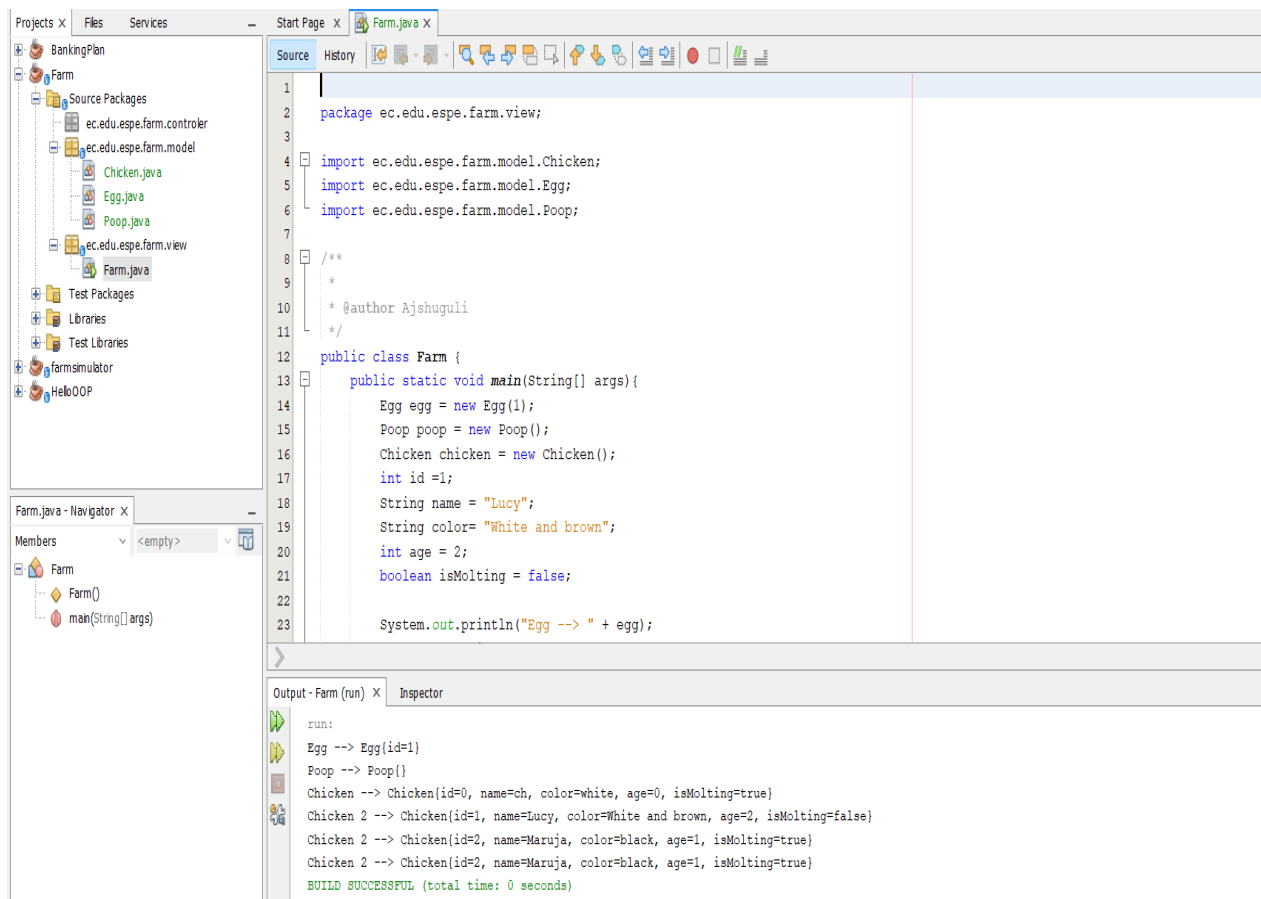
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## WS11 - ASSOCIATIONS

### CHICKEN FARMER SETTER-GETTER



The screenshot shows an IDE with the following components:

- Project Explorer:** Shows a project named 'Farm' with sub-packages: 'Source Packages' (containing 'ec.edu.espe.farm.controller', 'ec.edu.espe.farm.model', and 'ec.edu.espe.farm.view'), 'Test Packages', and 'Libraries'. The 'Farm' package contains 'Chicken.java', 'Egg.java', 'Poop.java', and 'Farm.java'.
- Source Editor:** Displays the code for 'Farm.java'. The code includes package declarations, imports for 'Chicken', 'Egg', and 'Poop' from 'ec.edu.espe.farm.model', a class comment, and a 'main' method that creates instances of 'Egg', 'Poop', and 'Chicken' and prints the 'Egg' object.
- Members:** Shows the 'Farm' class with methods 'Farm()' and 'main(String[] args)'.
- Output - Farm (run):** Displays the execution output, showing the creation of 'Egg', 'Poop', and 'Chicken' objects with their respective attributes.

```
1 package ec.edu.espe.farm.view;
2
3
4 import ec.edu.espe.farm.model.Chicken;
5 import ec.edu.espe.farm.model.Egg;
6 import ec.edu.espe.farm.model.Poop;
7
8 /**
9  *
10  * @author Ajshuguli
11  */
12 public class Farm {
13     public static void main(String[] args) {
14         Egg egg = new Egg(1);
15         Poop poop = new Poop();
16         Chicken chicken = new Chicken();
17         int id = 1;
18         String name = "Lucy";
19         String color = "White and brown";
20         int age = 2;
21         boolean isMolting = false;
22
23         System.out.println("Egg --> " + egg);
```

run:  
Egg --> Egg{id=1}  
Poop --> Poop{}  
Chicken --> Chicken{id=0, name=ch, color=white, age=0, isMolting=true}  
Chicken 2 --> Chicken{id=1, name=Lucy, color=White and brown, age=2, isMolting=false}  
Chicken 2 --> Chicken{id=2, name=Maruja, color=black, age=1, isMolting=true}  
Chicken 2 --> Chicken{id=2, name=Maruja, color=black, age=1, isMolting=true}  
BUILD SUCCESSFUL (total time: 0 seconds)