

Projects x Files Services

ChickenFarmSim [0000000...]

- Source Packages
  - ec.edu.espe.chickenfarm.controller
  - ec.edu.espe.chickenfarm.model
    - Chicken.java [-/A]
    - Egg.java [-/A]
    - Poop.java [-/A]
  - ec.edu.espe.chickenfarm.view
    - ChickenFarmSystem.java [-/A]
- Test Packages
- Libraries
- Test Libraries

ChickenFarmSystem.java - Navigator x

Members <empty>

- ChickenFarmSystem
  - ChickenFarmSystem()
  - createChicken(int id, String name, String color, int birthYear, int birthMonth, int birthDay, boolean isMolting): int
  - getCurrentDayOfMonth(): int
  - main(String[] args)

Start Page x run.xml [-/A] x Chicken.java [-/A] x Egg.java [-/A] x Poop.java [-/A] x ChickenFarmSystem.java [-/A] x config x

Source History

```
40
41     System.out.print(s: "Birth Year: ");
42     int birthYear = scanner.nextInt();
43
44     System.out.print(s: "Birth Month: ");
45     int birthMonth = scanner.nextInt();
46
47     System.out.print(s: "Birth Day: ");
48     int birthDay = scanner.nextInt();
49
50     System.out.print(s: "Is Molting? (true/false): ");
51     boolean isMolting = scanner.nextBoolean();
52
53     // Create the Chicken object with the entered data
54     Chicken chicken = createChicken(id, name, color, birthYear, birthMonth, birthDay, isMolting);
55     chickenList.add(s: chicken);
56
57     // Ask if more chickens should be entered
58     System.out.print(s: "Do you want to add more chickens? (true/false): ");
59     addMoreChickens = scanner.nextBoolean();
60 }
61
62 // Print information
63 System.out.println(s: "Hello Chickens from the simulator");
64 System.out.println(s: "My name is --> Eduardo Garcia");
65 System.out.println("Poop -->" + poop);
66 System.out.println("Egg -->" + egg);
67
68 // Print information for each chicken
69 for (Chicken chicken : chickenList) {
70     System.out.println("Chicken -->" + chicken);
71 }
72
73 // Save data to a CSV file
74 try (PrintWriter writer = new PrintWriter(new FileWriter(fileName: "chickens.csv"))) {
75     for (Chicken chicken : chickenList) {
76         writer.println(chicken.getId() + "," + chicken.getName() + "," + chicken.getColor() + "," +
77             chicken.getAge() + "," + chicken.isIsMolting());
78     }
79     System.out.println(s: "Data saved in chickens.csv");
80 } catch (IOException e) {
81     System.err.println("Error saving data to CSV file: " + e.getMessage());
82 }
83 }
84
85 private static Chicken createChicken(int id, String name, String color, int birthYear, int birthMonth, int birthDay, boolean isMolting) {
86     // Calculate the age of the chicken based on the birthdate and the current date
87     int currentYear = 2023; // Assuming the current year is 2023
```