

WORKSHOP#8

NRC: 14575

CLASS NAME: OBJECT ORIENTED PROGRAMMING

INSTRUCTOR: EDISON LASCANO

TOPIC: PROYECT CHICKEN FARM

NAME: RONY CEDEÑO

DATE: 28/11/2023

```
package ec.edu.espe.proyectchickenfarm.view;

import ec.edu.espe.proyectchickenfarm.model.Chicken;
import ec.edu.espe.proyectchickenfarm.model.Egg;
import ec.edu.espe.proyectchickenfarm.model.Egg;
import ec.edu.espe.proyectchickenfarm.model.Poop;
import java.util.Scanner;

/*

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/*

public class ChickenFarmSystem {

Chicken vector[] = new Chicken[2];
Scanner scanner = new Scanner(source: System.in);

Poop poop = new Poop(id: 15, name: "Robin", color:"Brown", age: 1, is Molting:true);
Egg egg = new Egg(id: 15);
Chicken chicken = new Chicken(id: 1, name: "Lucy", color:"White&Black", age: 2, is Molting:true);
Chicken chicken2 = new Chicken(id: 2, name: "Alisson", color:"Black", age: 1, is Molting:false);

vector[0] = chicken;
vector[1] = chicken2;
```

```
System.out.println(x:"Hello Chickens from the simulator");
System.out.println(x:"My name is --> Rony Cedeño");
System.out.println("Poop" + poop);
System.out.println("Egg" + egg);
System.out.println("Chicken 1 -->" + chicken);
System.out.println("Chicken 2 -->" + chicken2);
for (int i = 0; i < vector.length; i++) {
  System.out.println("Chicken #" + (i + 1) + vector[i]);
for (int i = 0; i < vector.length; i++) {
  ageCalculate();
  System.out.println("Please enter the ID of the chicken#" + (i + 1) + ":");
  int chickenid = scanner.nextInt();
  scanner.nextLine();
  System.out.println("Enter the name of the chicken#" + (i + 1) + ":");
  String chickenname = scanner.nextLine();
  System.out.println("Enter the color of the chicken#" + (i + 1) + ":");
  String chickencolor = scanner.nextLine();
  System.out.println("Enter the age of the chicken#" + (i + 1) + ":");
  int chickenage = scanner.nextInt();
```

```
System.out.println(x:"------DATE OF BIRTH OF THE CHICKEN------");
System.out.println(x:"Enter the day of birth of the chicken: ");
int dayOfBirth = scanner.nextInt();
System.out.println(x:"Enter the month of birth the chicken: ");
int monthOfBirth = scanner.nextInt();
System.out.println(x:"Enter the year of birth the chicken: ");
int yearOfBirth = scanner.nextInt();
if (currentMonth >= monthOfBirth || currentDay >= dayOfBirth) {
  int years = currentYear - yearOfBirth;
  int months = currentMonth - monthOfBirth;
  int days = currentDay - dayOfBirth;
  if (months != 0 || years != 0) {
    System.out.println("The chicken's age is: " + years + " years, " + months + " months, " + days + " days");
    if (months != 0) {
       System.out.println("The chicken's age is: " + years + " years, and " + months + " months");
      if (days != 0) {
          System.out.println("The chicken's age is: " + years + " years, and " + days + "days");
```

```
package ec. edu espe proyectchickenfarm model;

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| package ec. edu espe proyectchickenfarm model;
| package ec. edu espe proyectchickenfarm model;
| public class Chicken {
| provate int id;
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|
```

```
package ec.edu espe proyectchickenfarm model;

| private int id; private string name; private string name; private int age; private boolean isMolting;

| private bring toString() {
| return "Poop("+"Id="+ id +", name="+ name +", color="+ color + ", age="+ age +", isMolting="+ isMolting + 'J'; }

| public Poop(int id, String name, String color, int age, boolean isMolting) {
| this is age = age; this isMolting = isMolting; }

| public Poop(int id, String name, String color, int age, boolean isMolting) {
| this age = age; this isMolting = isMolting; }
| private int id; p
```

```
package ec.edu.espe.proyectchickenfarm.model;

/*

@author Rony Cedeño,INTERBYTE,DCCO ESPE_14575

//

public class Egg {

private int id;

@Override
public String toString() {
 return "Egg{" + "id=" + getId() + '}';
}

public Egg(int id) {
 this.id = id;
}

/**

* @return the id

//

public int getId() {
 return id;
}
```