WORKSHOP #7

NRC: 14575

CLASS NAME: OBJECT ORIENTED PROGRAMMING

INSTRUCTOR: EDISON LASCANO

TOPIC: Chicken Farm Simulator

NAME: RONY CEDEÑO

DATE: 27/11/2023

```java
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.Poop;

/*
@author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
*/
public class ChickenFarmSystem {

    public static void main(String[] args) {

        Poop poop = new Poop();
        Egg egg = new Egg();
        Chicken chicken = new Chicken();

        //Workshop in class
        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);

    }
}
```

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

/*
@author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
*/
public class Chicken {

    private int id;
    private String name;
    private String color;
    private int age;
    private boolean isMolting;

    public Chicken() {
    }

    public Chicken(int id, String name, String color, int age, boolean isMolting) {
        this.id = id;
        this.name = name;
        this.color = color;
        this.age = age;
        this.isMolting = isMolting;
    }

    public int getId() {
        return id;
    }

    public void setId(int id) {
```

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

/*
@author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
*/
public class Egg {

    private int id;

    public Egg() {
    }

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

    /**
     * @return the id
     */
    public int getId() {
        return id;
    }

    /**
     * @param id the id to set
     */
    public void setId(int id) {
        this.id = id;
    }
}
```

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

/*
@author Rony Cedeño,INTERBYTE,DCCO ESPE_14575
*/
public class Poop {

    private int id;
    private String name;
    private String color;
    private int age;
    private boolean isMolting;

    public Poop() {
    }

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

    /**
     * @return the id
     */
    public int getId() {
        return id;
```

```
run:
Hello Chickens from the simulator
My name is --> Rony Cede�o
Poop -->ec.edu.espe.proyectchickenfarm.model.Poop@6f496d9f
Egg -->ec.edu.espe.proyectchickenfarm.model.Egg@4e50df2e
Chicken 1 -->ec.edu.espe.proyectchickenfarm.model.Chicken@1d81eb93
BUILD SUCCESSFUL (total time: 0 seconds)
```