



Universidad de las Fuerzas Armadas

CLASS NAME: OBJECT ORIENTED PROGRAMMING

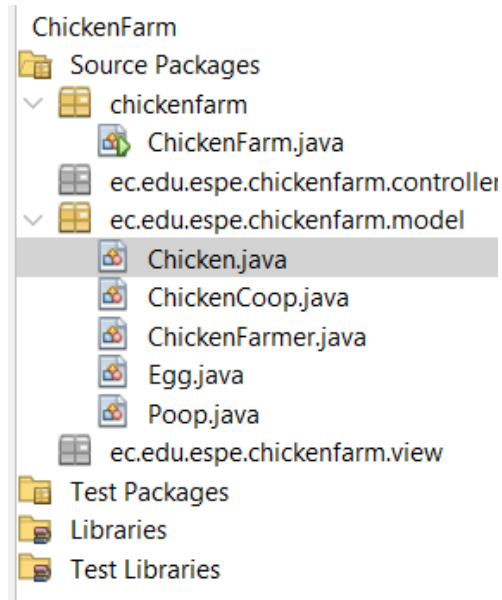
TEACHER: EDISON LASCANO

NRC:14575

HOMEWORK #:5

TOPIC: CHICKEN FARM PROJECT INITIALIZATION

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```
Start Page x ChickenCoop.java x Egg.java x Chicken.java x Poop.java x ChickenFarmer.java x
Source History
4      *
5      * @author David, InterByte, DCCO-ESPE
6      */
7      public class ChickenFarmer {
8          private String name;
9          private ChickenCoop[] coops;
10         private int currentIndex;
11         private static final int maxCoops = 5;
12
13         public ChickenFarmer(String name) {}
14         public void add(ChickenCoop coop) {
15             if (currentIndex < coops.length) {
16                 coops[currentIndex] = coop;
17                 currentIndex++;
18                 System.out.println("ChickenCoop added");
19             } else {
20                 System.out.println("No more ChickenCoops can be added. The ChickenFarmer is full.");
21             }
22         }
23         public void remove(int coopId) {}
24         public void resetIteration() {}
25         public ChickenCoop next() {
26             return null;
27         }
28     }
```

Start Page × ChickenCoop.java × Egg.java × Chicken.java × Poop.java × ChickenFarmer.java ×

Source History

```
4      *
5      * @author David, InterByte, DCCO-ESPE
6      */
7      public class ChickenCoop {
8          private int id;
9          private Chicken[] chickens;
10         private int currentIndex;
11         private static final int maxChicken = 20;
12
13         public ChickenCoop(int id) {}
14         public void add(Chicken chicken) {
15             if (currentIndex < chickens.length) {
16                 chickens[currentIndex] = chicken;
17                 currentIndex++;
18                 System.out.println(x: "Chicken added");
19             } else {
20                 System.out.println(x: "You cannot add more chickens. The ChickenCoop is full.");
21             }
22         };
23         public void remove(int chickenId) {};
24         public void resetIteration() {};
25         public Chicken next(){
26             return (null);
27         }
28     }
```