

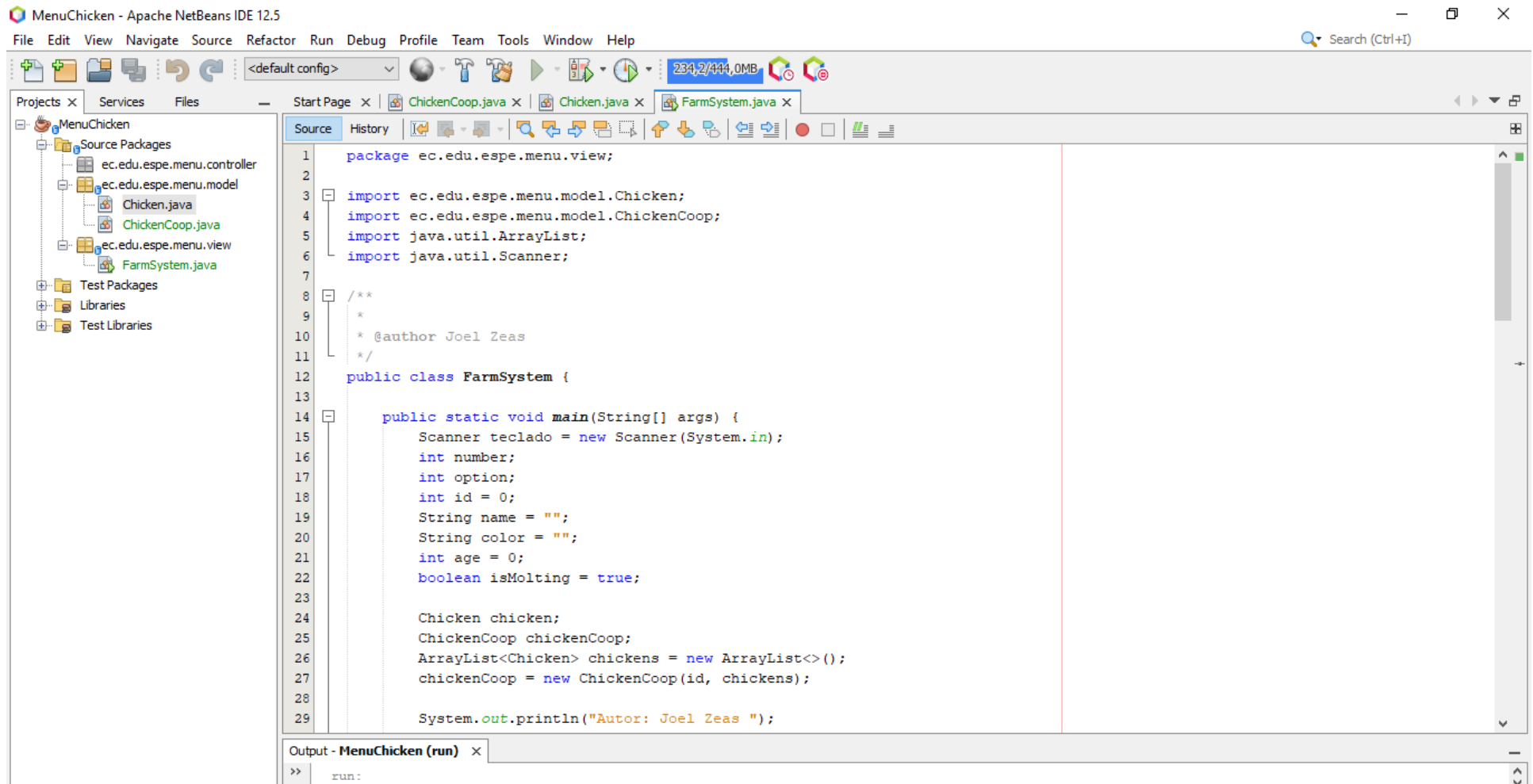
UNIVERSITY OF THE ARMED FORCES – ESPE
HW05 – ARRAY LIST

Name: Joel Alexander Zeas Clavijo

Date: 13th December 2021

NRC: 7490

Career: Telecommunications



```
MenuChicken - Apache NetBeans IDE 12.5
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
<default config> 234,2/444,0MB
Projects Services Files
MenuChicken
  Source Packages
    ec.edu.espe.menu.controller
    ec.edu.espe.menu.model
      Chicken.java
      ChickenCoop.java
    ec.edu.espe.menu.view
      FarmSystem.java
  Test Packages
  Libraries
  Test Libraries
Source History
1 package ec.edu.espe.menu.view;
2
3 import ec.edu.espe.menu.model.Chicken;
4 import ec.edu.espe.menu.model.ChickenCoop;
5 import java.util.ArrayList;
6 import java.util.Scanner;
7
8 /**
9  *
10  * @author Joel Zeas
11  */
12 public class FarmSystem {
13
14     public static void main(String[] args) {
15         Scanner teclado = new Scanner(System.in);
16         int number;
17         int option;
18         int id = 0;
19         String name = "";
20         String color = "";
21         int age = 0;
22         boolean isMolting = true;
23
24         Chicken chicken;
25         ChickenCoop chickenCoop;
26         ArrayList<Chicken> chickens = new ArrayList<>();
27         chickenCoop = new ChickenCoop(id, chickens);
28
29         System.out.println("Autor: Joel Zeas ");
30
31     }
32 }
```

Output - MenuChicken (run) x

>> run:

374.5/444.0MB

Projects x Services Files Start Page x ChickenCoop.java x Chicken.java x FarmSystem.java x

MenuChicken

- Source Packages
 - ec.edu.espe.menu.controller
 - Chicken.java
 - ChickenCoop.java
 - ec.edu.espe.menu.view
 - FarmSystem.java
- Test Packages
- Libraries
- Test Libraries

Source History

```
28
29
30 System.out.println("Autor: Joel Zeas ");
31 System.out.println("    --> Welcome to the farm registration menu <--    ");
32 System.out.println("Please, choose an option: ");
33 System.out.println("Open menu: Yes(1) / No(0)");
34 number = teclado.nextInt();
35 while (number == 1) {
36     System.out.println("    --> Choose an option from the menu <--    \n");
37     System.out.println("1.Add chickens");
38     System.out.println("2.Remove chickens");
39     System.out.println("3.Show chickens in the coop");
40     System.out.println("4.Show the amount of chickens");
41     System.out.println("5.Exit");
42     option = teclado.nextInt();
43
44     if (option == 1) {
45         System.out.println("    --> Data of the chicken <--    ");
46
47         System.out.println("--> Enter id = ");
48         id = teclado.nextInt();
49
50         System.out.println("--> Enter name = ");
51         name = teclado.next();
52
53         System.out.println("--> Enter color = ");
54         color = teclado.next();
55
56         System.out.println("--> Enter age = ");
57         age = teclado.nextInt();
```

Output - MenuChicken (run) x

>> run:

Projects x Services Files Start Page x ChickenCoop.java x Chicken.java x FarmSystem.java x

MenuChicken

- Source Packages
 - ec.edu.espe.menu.controller
 - Chicken.java
 - ChickenCoop.java
 - ec.edu.espe.menu.model
 - FarmSystem.java
- Test Packages
- Libraries
- Test Libraries

Source History

28

Output - MenuChicken (run) x

```
Open menu: Yes(1) / No(0)
1
--> Choose an option from the menu <--
1.Add chickens
2.Remove chickens
3.Show chickens in the coop
4.Show the amount of chickens
5.Exit
1
--> Data of the chicken <--
--> Enter id =
2002
--> Enter name =
Claudia
--> Enter color =
Green
--> Enter age =
5
--> Enter isMolting =
True

Chicken facts -->Chicken{id=2002, name=Claudia, color=Green, age=5, isMolting=true}

--> Choose an option from the menu <--
1.Add chickens
2.Remove chickens
3.Show chickens in the coop
4.Show the amount of chickens
5.Exit
```

MenuChicken (run) 21:21 INS

307/1/444,0MB

Projects Services Files

MenuChicken

- Source Packages
 - ec.edu.espe.menu.controller
 - Chicken.java
 - ChickenCoop.java
 - ec.edu.espe.menu.model
 - FarmSystem.java
- Test Packages
- Libraries
- Test Libraries

Source History

28

Output - MenuChicken (run)

```
--> Choose an option from the menu <--

1.Add chickens
2.Remove chickens
3.Show chickens in the coop
4.Show the amount of chickens
5.Exit
1

--> Data of the chicken <--
--> Enter id =
2021
--> Enter name =
Rocio
--> Enter color =
White
--> Enter age =
3
--> Enter isMolting =
False

Chicken facts -->Chicken{id=2021, name=Rocio, color=White, age=3, isMolting=false}

--> Choose an option from the menu <--

1.Add chickens
2.Remove chickens
3.Show chickens in the coop
4.Show the amount of chickens
5.Exit
```

MenuChicken (run) 21:21 INS

142,6/444,0MB

Projects x Services Files

MenuChicken

- Source Packages
 - ec.edu.espe.menu.controller
 - Chicken.java
 - ChickenCoop.java
 - ec.edu.espe.menu.model
 - Chicken.java
 - ChickenCoop.java
 - ec.edu.espe.menu.view
 - FarmSystem.java
- Test Packages
- Libraries
- Test Libraries

Start Page x ChickenCoop.java x Chicken.java x FarmSystem.java x

Source History

28

Output - MenuChicken (run) x

```
2.Remove chickens
3.Show chickens in the coop
4.Show the amount of chickens
5.Exit
3
--> The chickens in the farm <--
chicken coop -> ChickenCoop{id=0, chickens=[Chicken{id=2002, name=Claudia, color=Green, age=5, isMolting=true}, Chicken{id=2021, name=Rocio, color=Whit

--> Choose an option from the menu <--

1.Add chickens
2.Remove chickens
3.Show chickens in the coop
4.Show the amount of chickens
5.Exit
4
--> Amount of chickens <--
Chickens in the chicken coop -> 2

--> Choose an option from the menu <--

1.Add chickens
2.Remove chickens
3.Show chickens in the coop
4.Show the amount of chickens
5.Exit
5
--> Thanks, come back soon...!! <--
BUILD SUCCESSFUL (total time: 5 minutes 2 seconds)
```

21:21 | INS