



UNIVERSIDAD DE LAS FUERZAS ARMADAS ESPE

CLASS NAME: OBJECT ORIENTED PROGRAMMING



TEACHER: EDISON LASCANO

NRC:14575

HOMEWORK #: 2

TOPIC: ProgrammingTools

NAME: CARLOS ÑATO

File Edit View Navigate Source Refactor Run Debug Profile Team Tool mav...

Start Page x Mavenproject1.java [-/A] x

Source History

```
1  /**
2   * Click https://nhost/SystemFileSystem/Templates/Licenses/license-default
3   */
4
5  package com.mycompany.mavenproject1;
6
7  /**
8   *
9   * @author Lenovo
10  */
11  public class Mavenproject1 {
12
13      public static void main(String[] args) {
14          System.out.println("Hello World!");
15      }
16  }
17
```

Background scanning of projects... x 1:1 INS

Chicken farm modeling and programing - Visual Paradigm Community Edition[Carlos N] (not f...

Dash Project ITSM Agile Diagram View Team Tools Modeling Window Help

Generate C++ Code Reverse Java Code Generate REST API

Class Diagram1

Cursor <default package>

Diagram Navigator

Model Explorer

Property

Diagram Backlog

Class

Generalization

Usage

Association

N-ary Association

Association Class

Dependency

Abstraction

Collaboration

Model

REST Service

Note

Anchor

Constraint

Containment

Package

Diagram Overview

Generic Connector

User Story

Image

Chicken farmer

Chicken Coop

Chicken

```
classDiagram
    class ChickenFarmer {
        name : String
        coops : ChickenCoop[]
        getCoop() : ChickenCoop
        move(coopId : int)
        getIteration()
        next() : ChickenCoop
    }
    class ChickenCoop {
        id : int
        chickens : Chicken[]
        add(chickens : Chicken)
        remove(chickenId : int)
        resetIteration()
        next() : Chicken
    }
    class Chicken {
        id : int
        name : String
        color : String
        age : int
        isMolting : boolean
        doStuff(forTime : int)
        cluck()
        wander()
        eat()
        drink()
        poop() : Poop
        layAnEgg() : Egg
    }
    ChickenFarmer --> ChickenCoop : <<use>>
    ChickenCoop --> Chicken : <<use>>
```

23:56 16/11/2023