COP-2800-98672

Java Programming

P1 - Egg Production Estimator

Document Version: 0.1

Version Date: 1/23/2025

Created by: Joseph Simonin

Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Editor | Comments |
| 0.1 | 1/23/2025 | Joseph Simonin | 1st draft |
|  |  |  |  |
|  |  |  |  |

Technical Specifications

AI Statement

Suggestive AI through VS code was used on line 17, it suggested I use try(){} around the scanner input. I also referred to the information on pages 10-16 of the power point.

Description of Requirement

This program will ask for the total number of chickens on a farm. It will then ask user for rooster count in those chickens. It will then ask the user for the percentage chance a random chicken lays a egg daily. It will then ask for the total number of days and will output the estimated number of eggs that will be produced on the farm.

Installation and Run Instructions

This program will ask for the total number of chickens on a farm. It will then ask user for rooster count in those chickens. It will then ask the user for the percentage chance a random chicken lays a egg daily. It will then ask for the total number of days and will output the estimated number of eggs that will be produced on the farm.

Notes

Program Validation

The program was ran several times to ensure the project specifications were met.

Link to source code through GitHub

<https://github.com/CouchSniper7/Egg-Production.git>

Screenshots of Tests

Test #1

A screenshot of a computer program

Description automatically generated

Test #2

A screenshot of a computer

Description automatically generated

Test #3

A screenshot of a computer

Description automatically generated

Test #4

Test #5