Software Engineering Challenge

Requirements

Describe the challenge or problem, what does the program need to do

This is in a forest. The gnomes walk throughout the day. At night they stop going in the tree. The tree lights up at night

What classes/objects do you think you need?

Moon, tree, apples, dwarves, and maybe a leaf that falls down

How much time do you think you will you need to complete the project?

2 weeks to figure everything out

Research

What knowledge or skills will you need to build this program

I will need to know how to program pictures to move and how to make pictures that you choose onto the program

Do you foresee any problems or constraints, describe

I will maybe not know how to program and run into issues. I also can not see the board

Have you created a similar programs? Are there similar programs in the book or other resources?

The turtle graphic with the spiral

If so, what elements of that project can you bring to this project?

Color and creativity

Do you have the resources you need to create the program?

Yes I have a computer

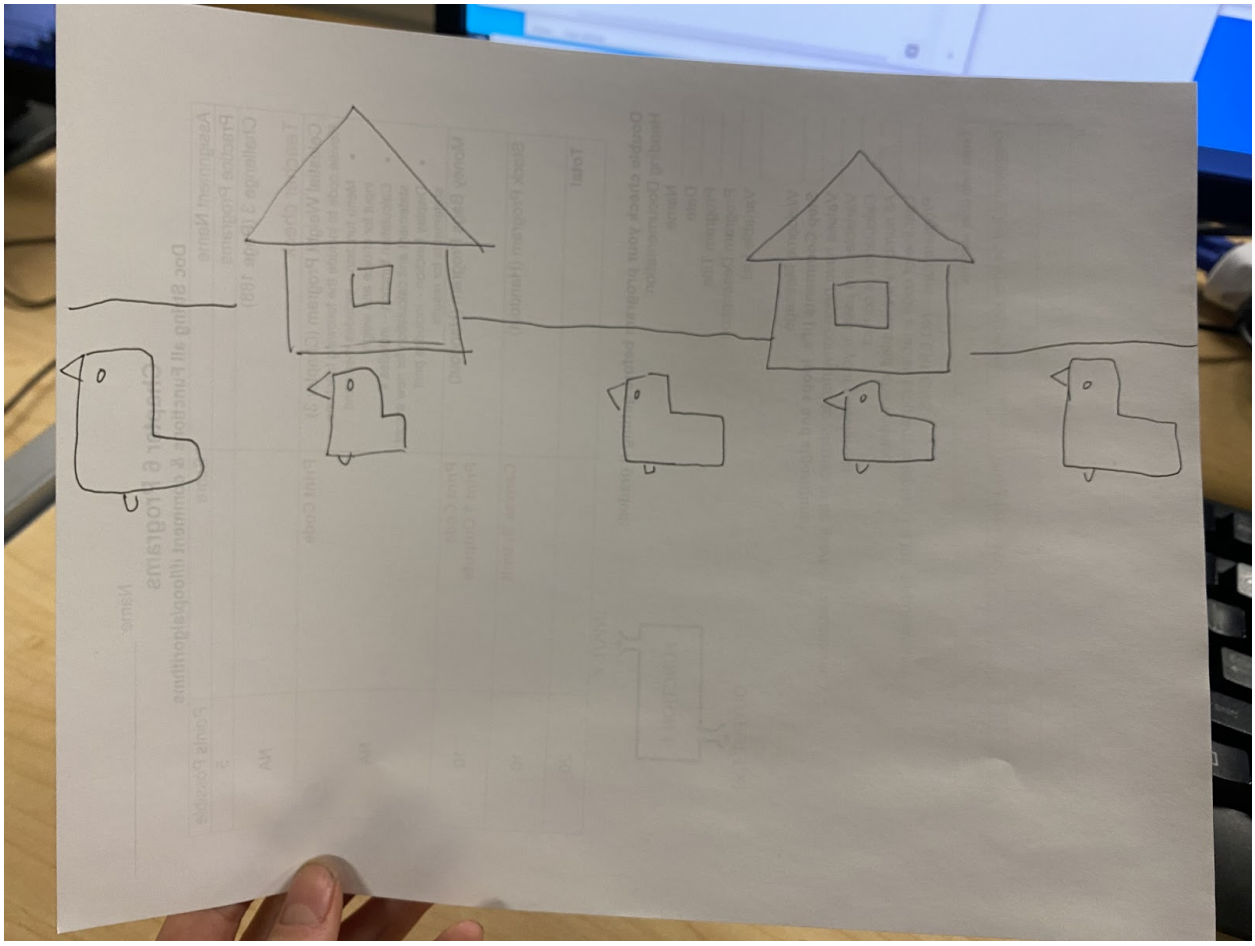
Do you need to learn any new knowledge or skill(s) to create the program?

I think I need to learn a LOT of knowledge

Design

Draw/create a basic graphic you plan to build - attach the drawing

(paint, word, photo shop) not every objet (draw one example although there may be several in the final program) needs to be in the basic graphic



Include a task list--what will you need to do and in what order

-Make chicks,

Estimate the amount of time you will need to complete each part the project

I think it will take like 10 hours to complete. I also need to make the sun and moon

Construction – included in summary doc

Document your construction progress with date and progress made (build a chart/table in word or excel), also, include at least three screen shots of your city (beginning, middle, and end)

Testing/Results/Delivery—summary doc not required to start project

Preliminary testing

Does your program meet the needs of the initial challenge or problem? How do you know?

Are any changes or modifications needed, why or why not? Document any changes.

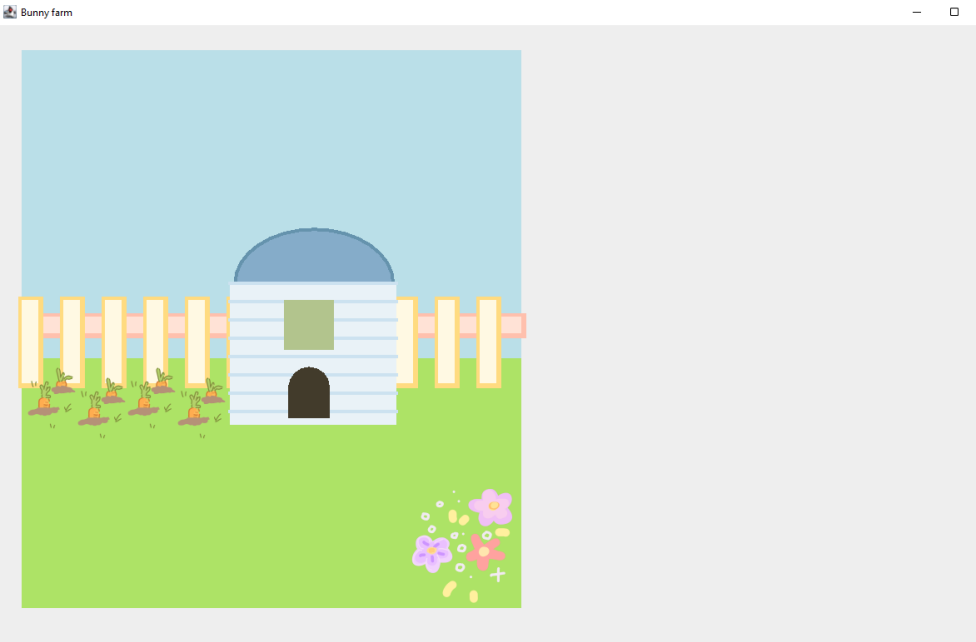
Summarize the project - what worked, what didn't work, note your successes and/or failures.

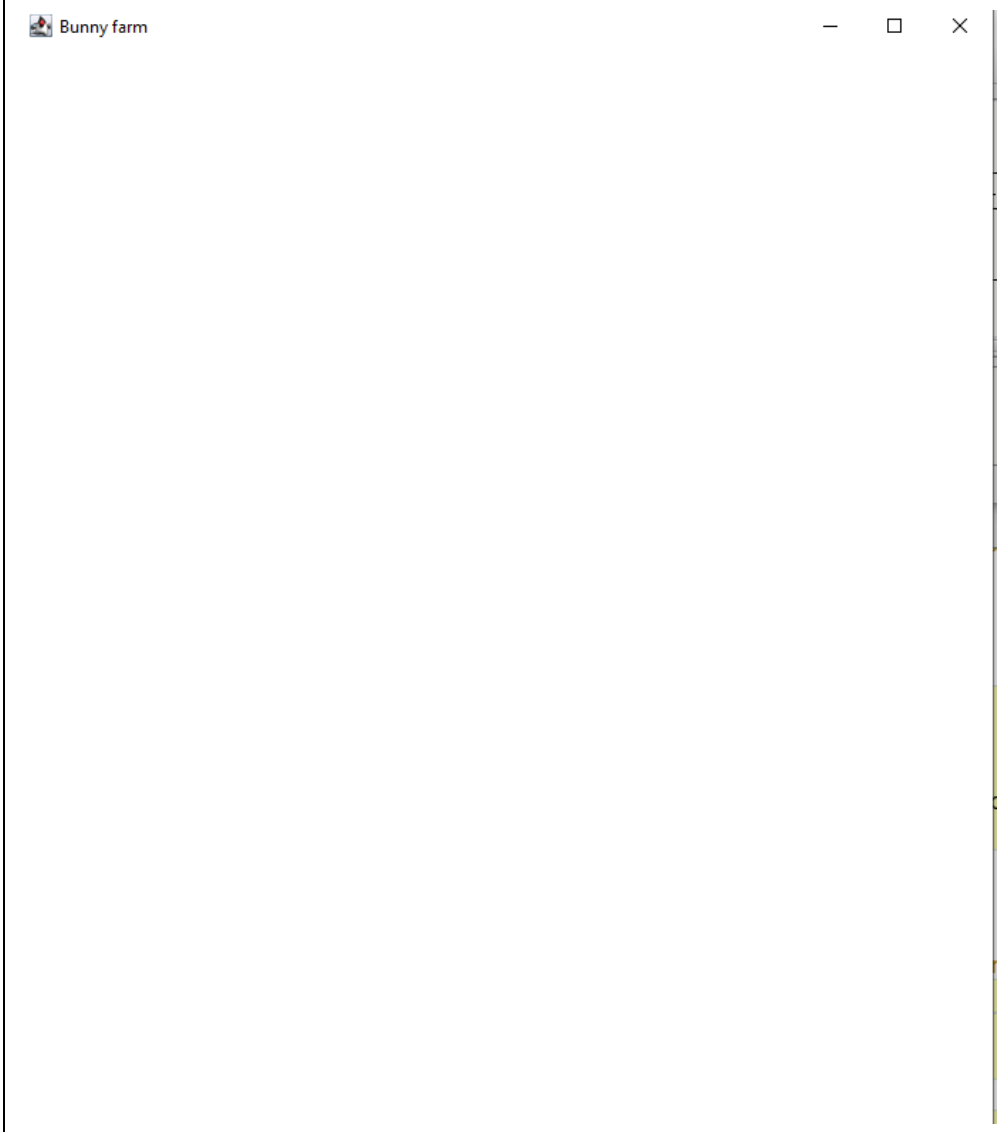
Looking back, would you have done anything differently, why or why not

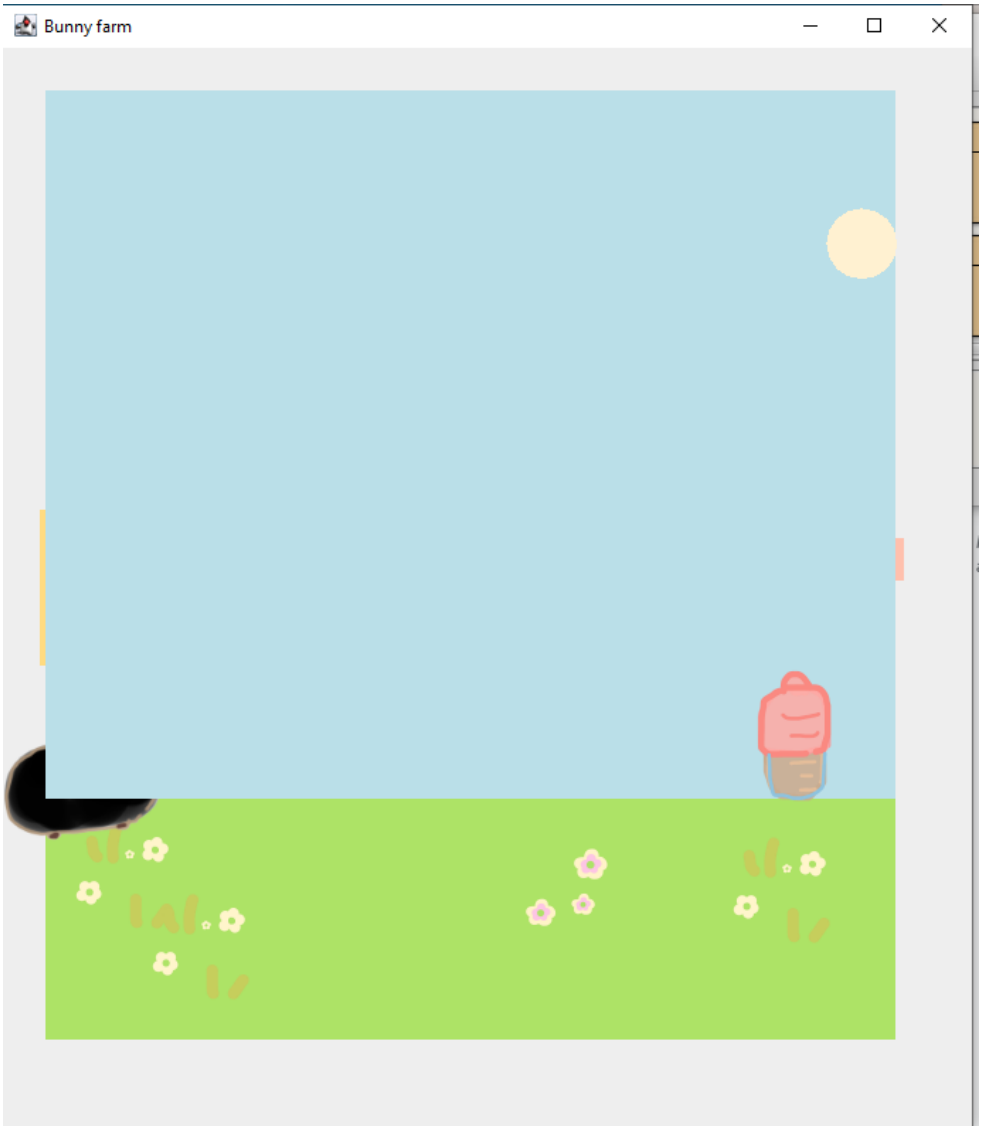
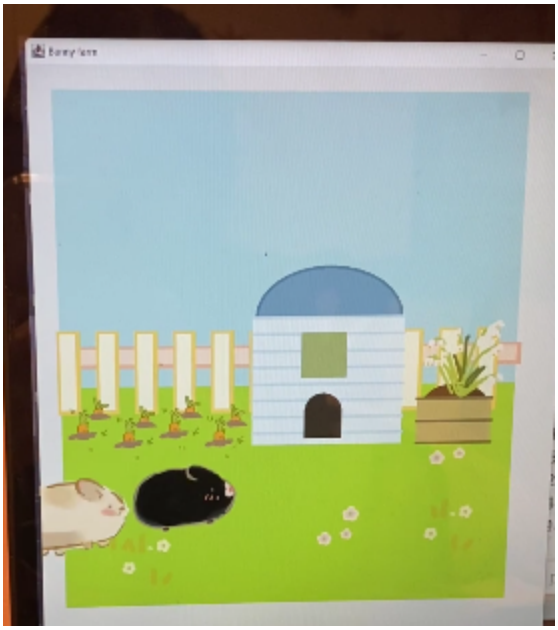
Software Summary Document

Daily Progress Report

Date	Description
January 13, 2023	Get a rectangle printed
January 15	Make a fence, carrots, flowers

	
1/18/23	Put flowers and also a sun

1/18/23	

1/19/23	

1/20/23