

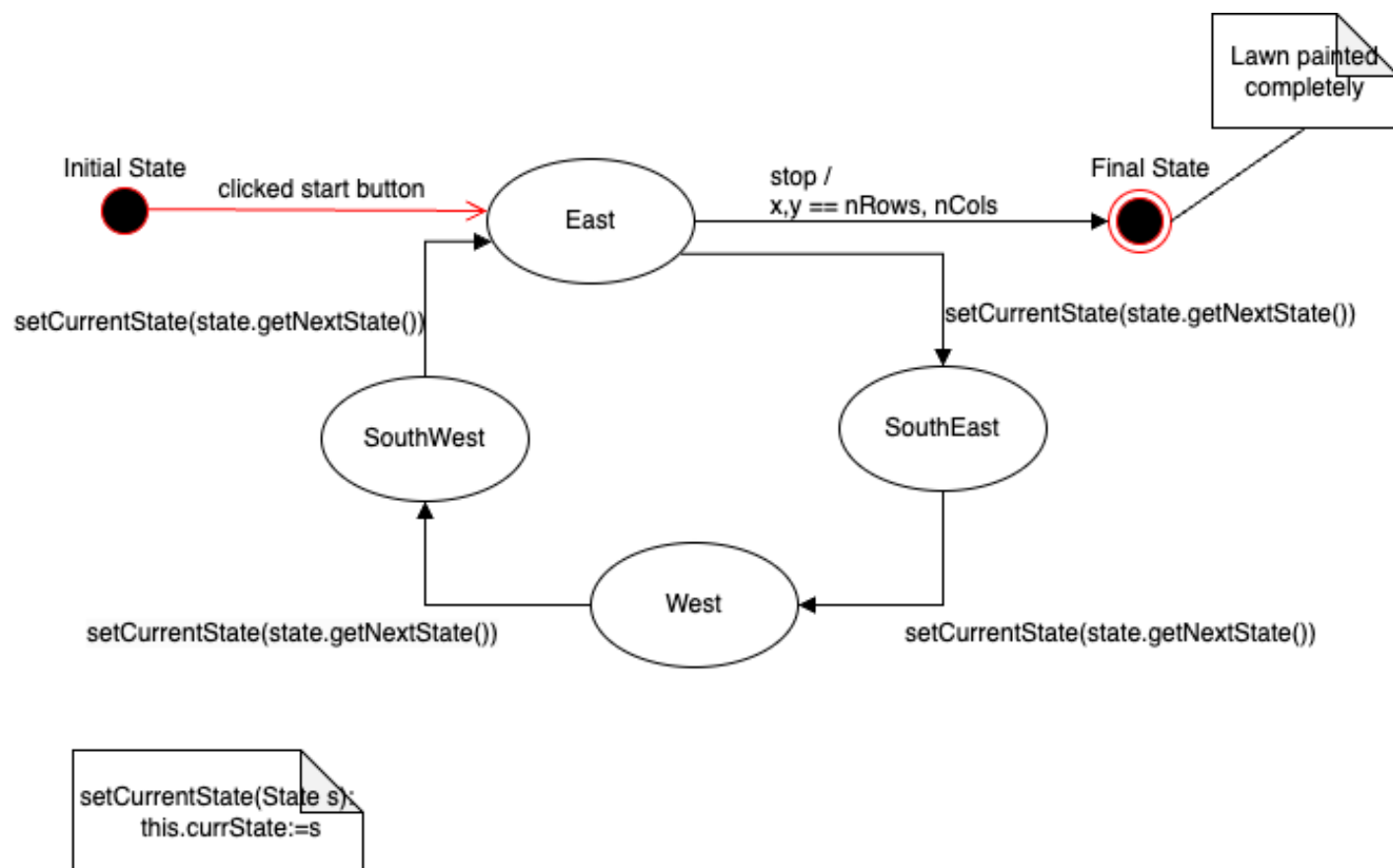
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## CSE 5322 : Software Design Patterns

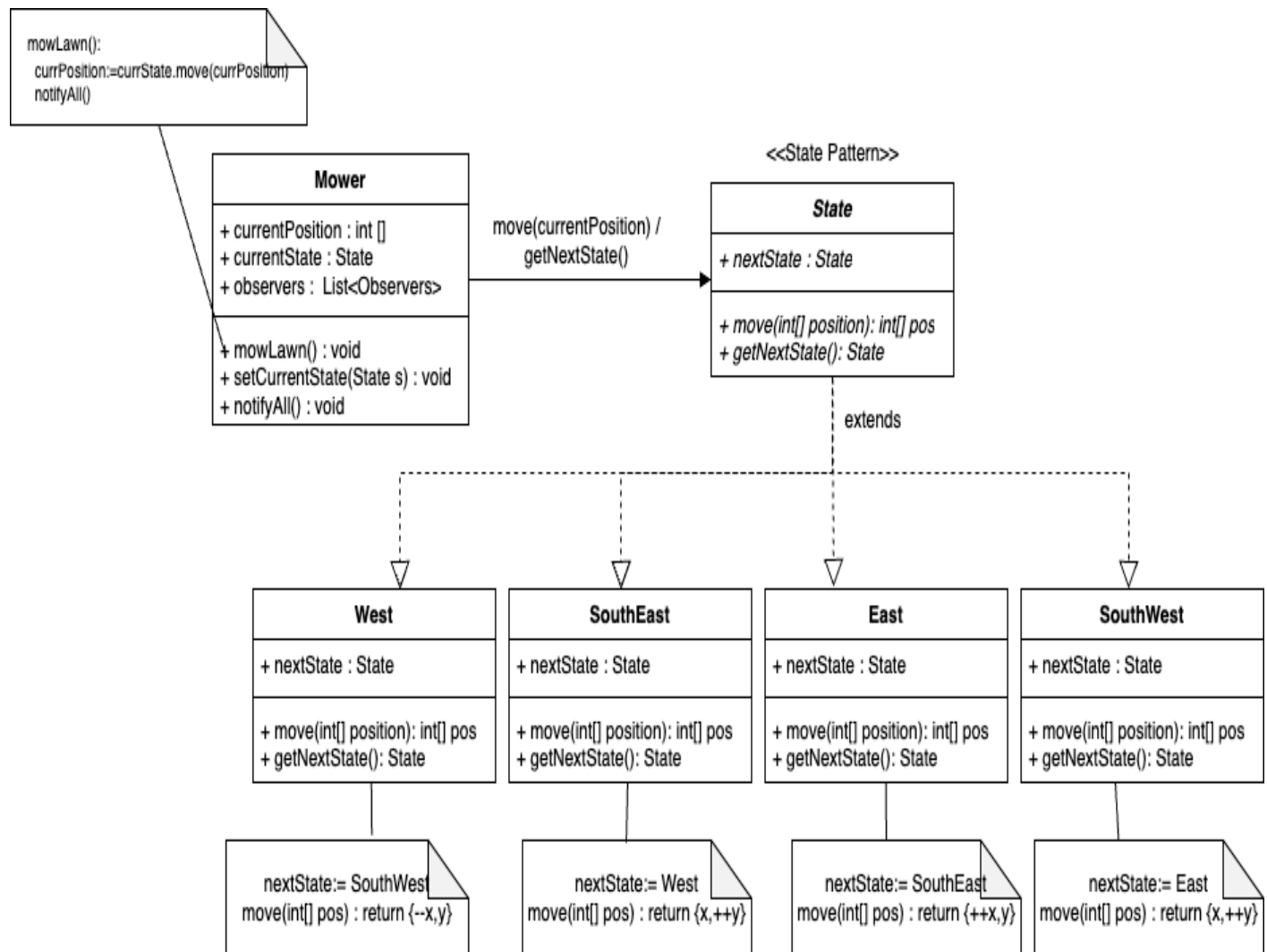
### Homework 4

If the diagrams attached below might not be clearly visible due to space issue, I have added them in the **Diagrams** folder.

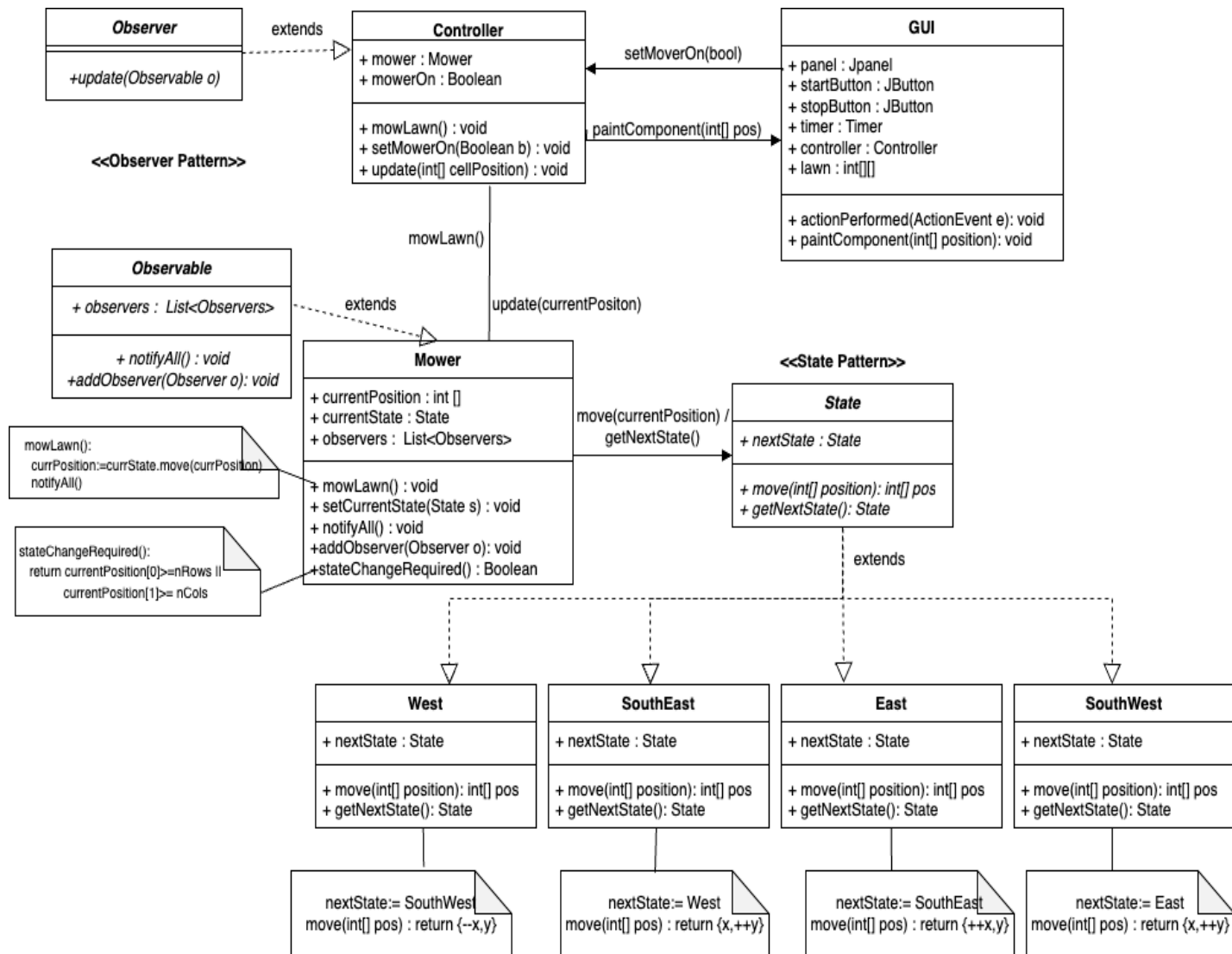
#### 1. State Machine Diagram



## 2. Class Diagram for the state machine



### 3. State Diagram

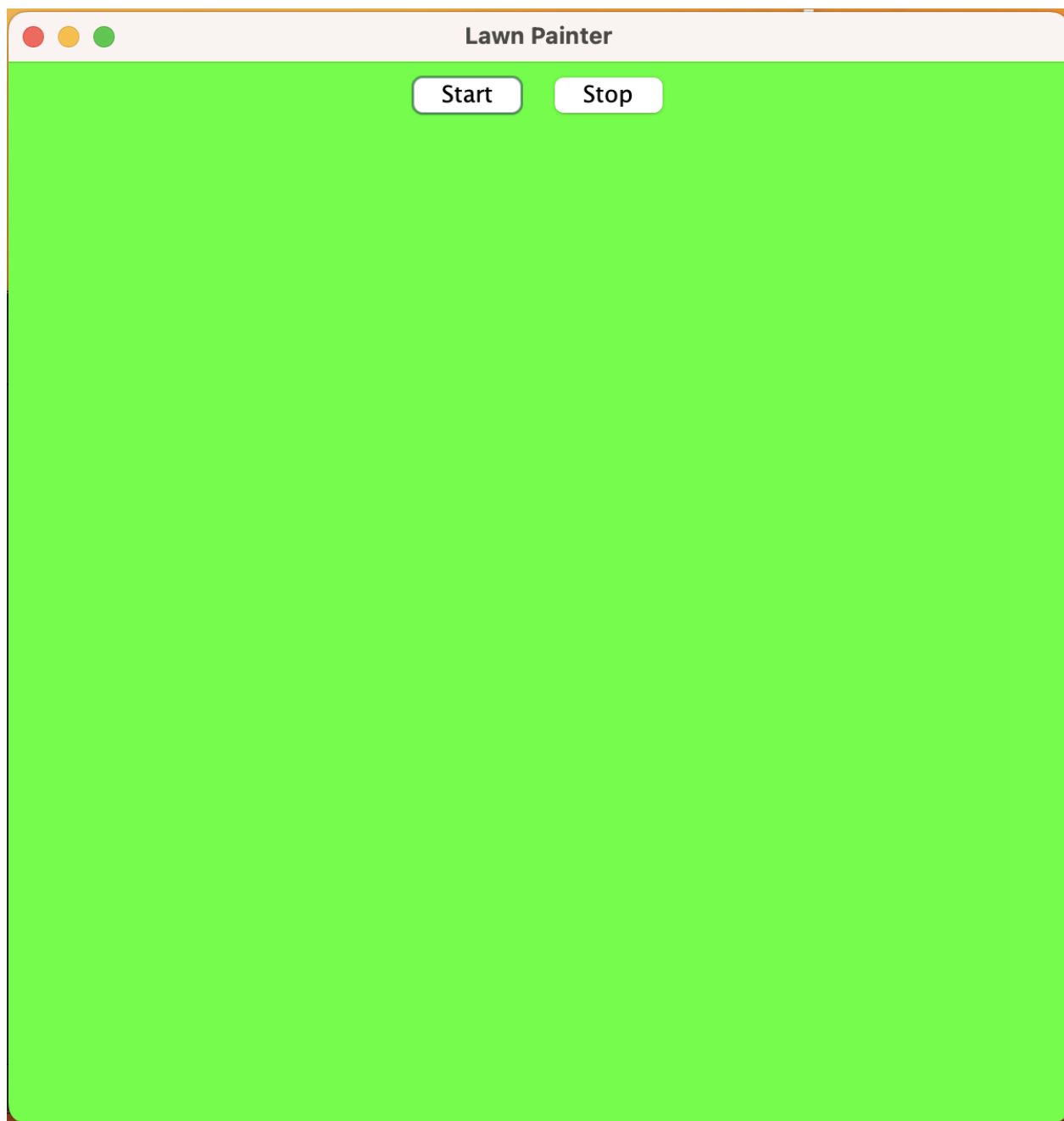


#### 4. Implementation

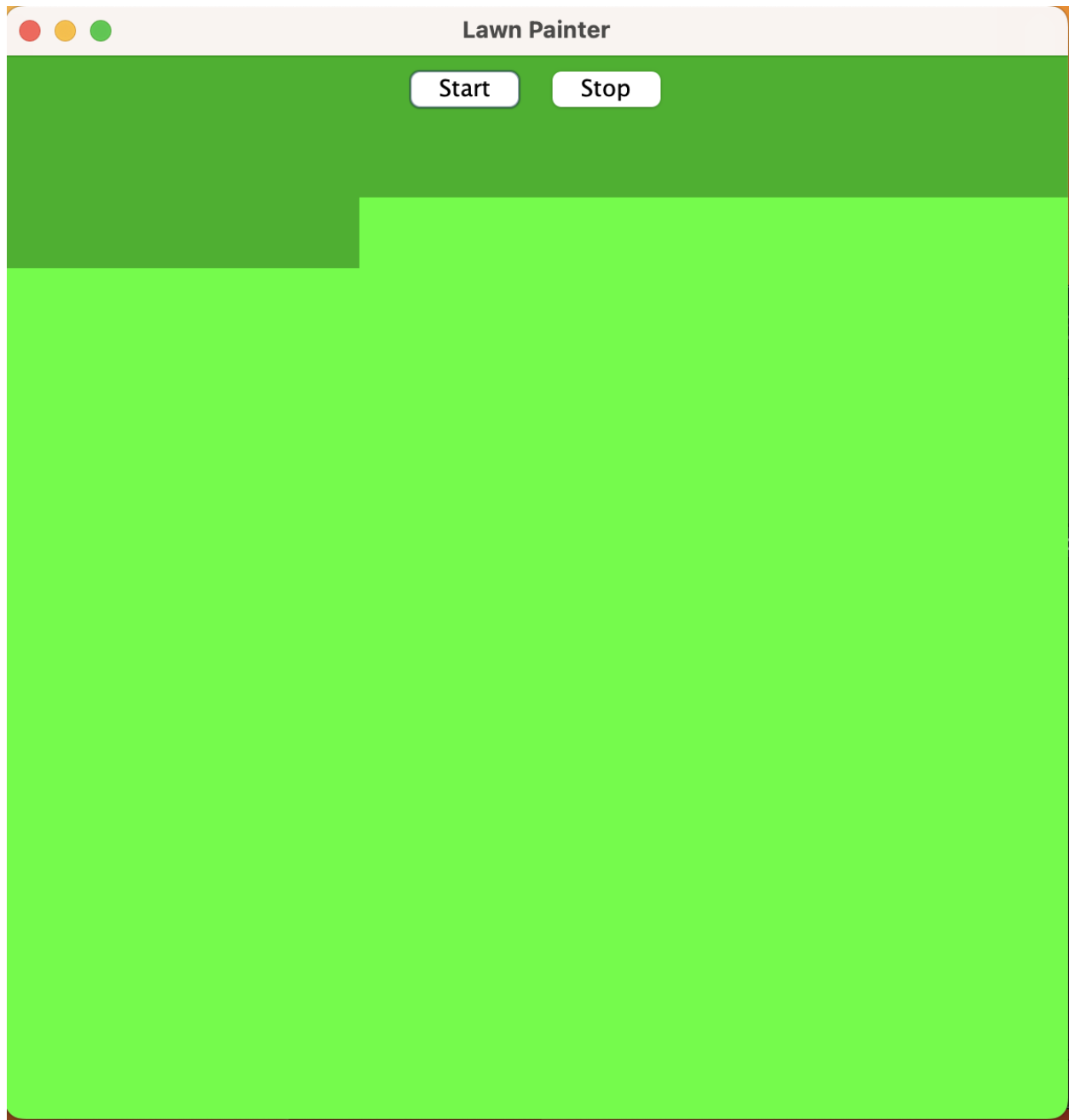
Implemented in folder **Balkothe\_Soham\_CSE5322\_S23\_HW4\_impl.zip**

#### Screenshots:

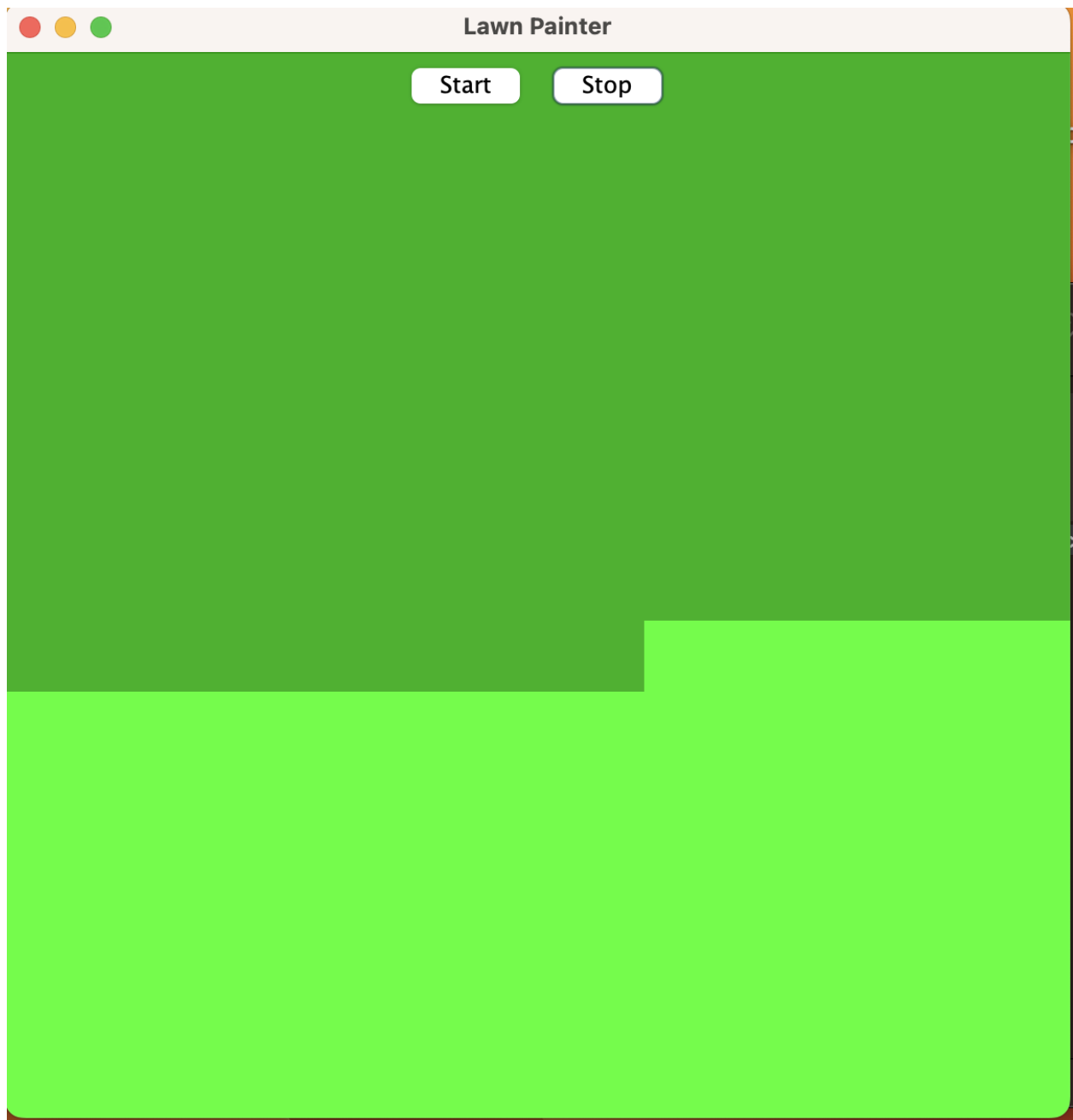
##### Initial State



## 2. Start button on



### 3. Stop Activated



#### 4. Lawn completely mowed (terminal state)

