Programming Assignment #1
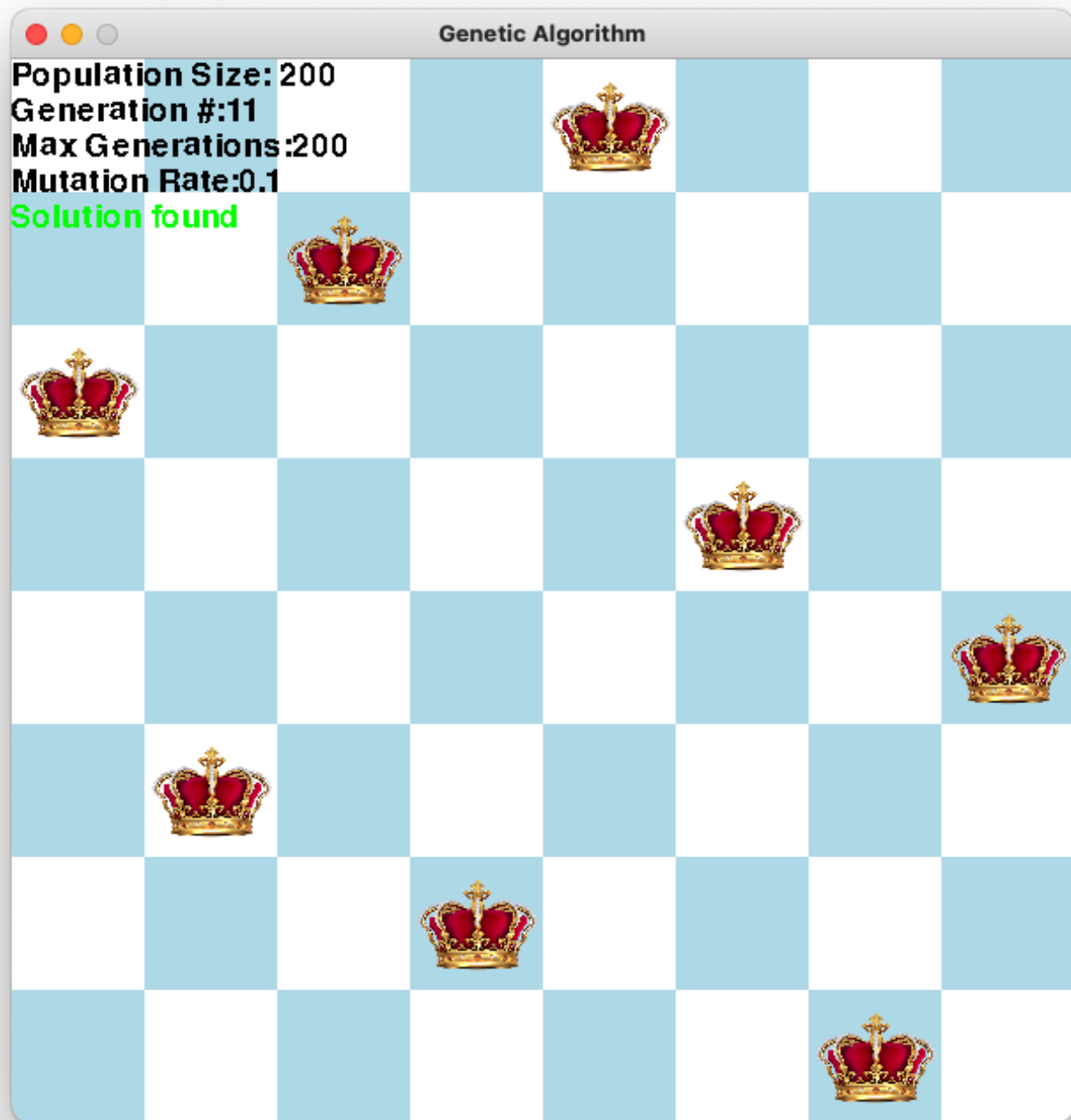Solving N-Queens (A* & Genetics Algorithm)
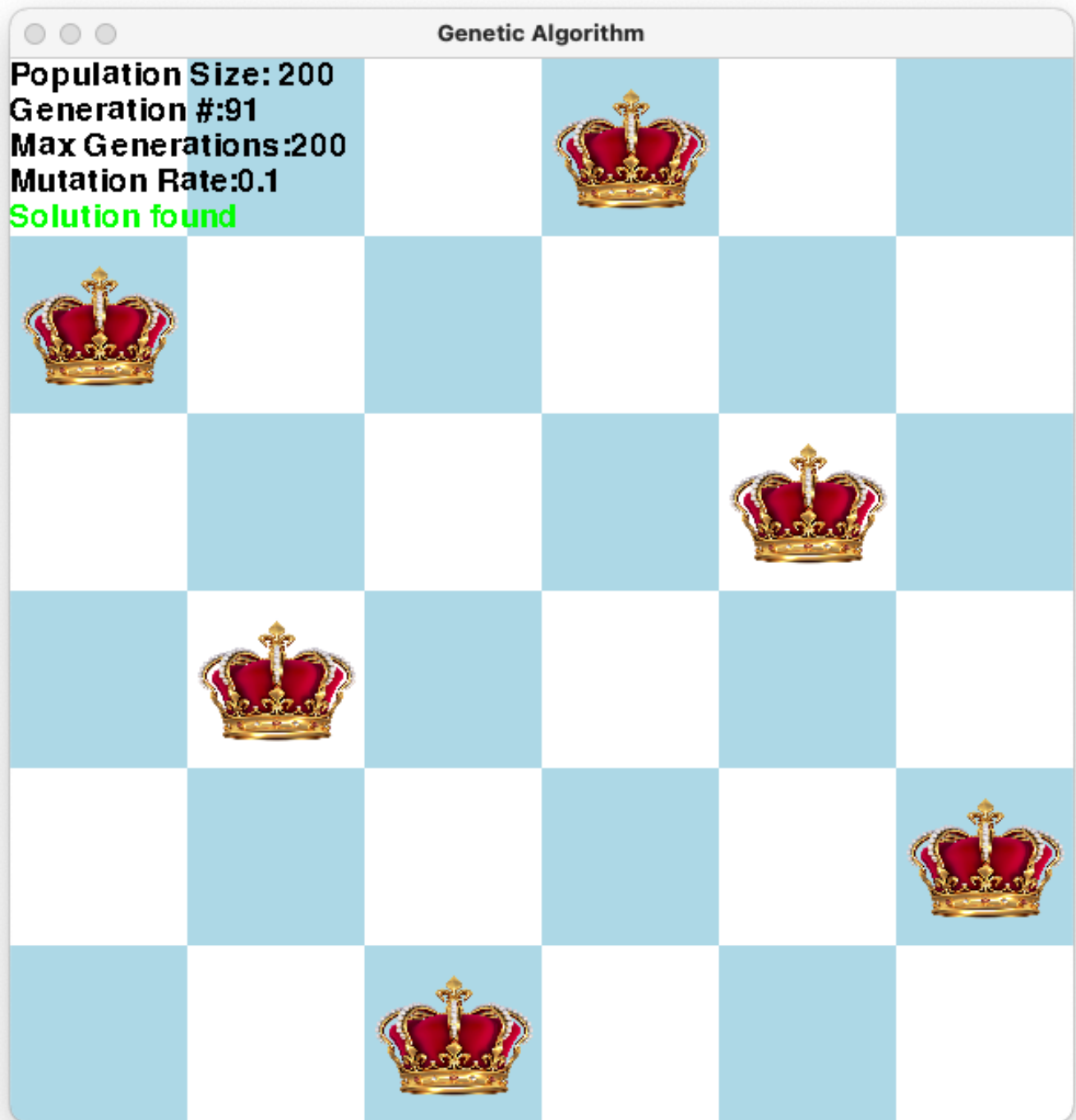
Prepared for:
Prof. Elsayed Elalfy

Student Details
Name: Abdulelah Hajjar
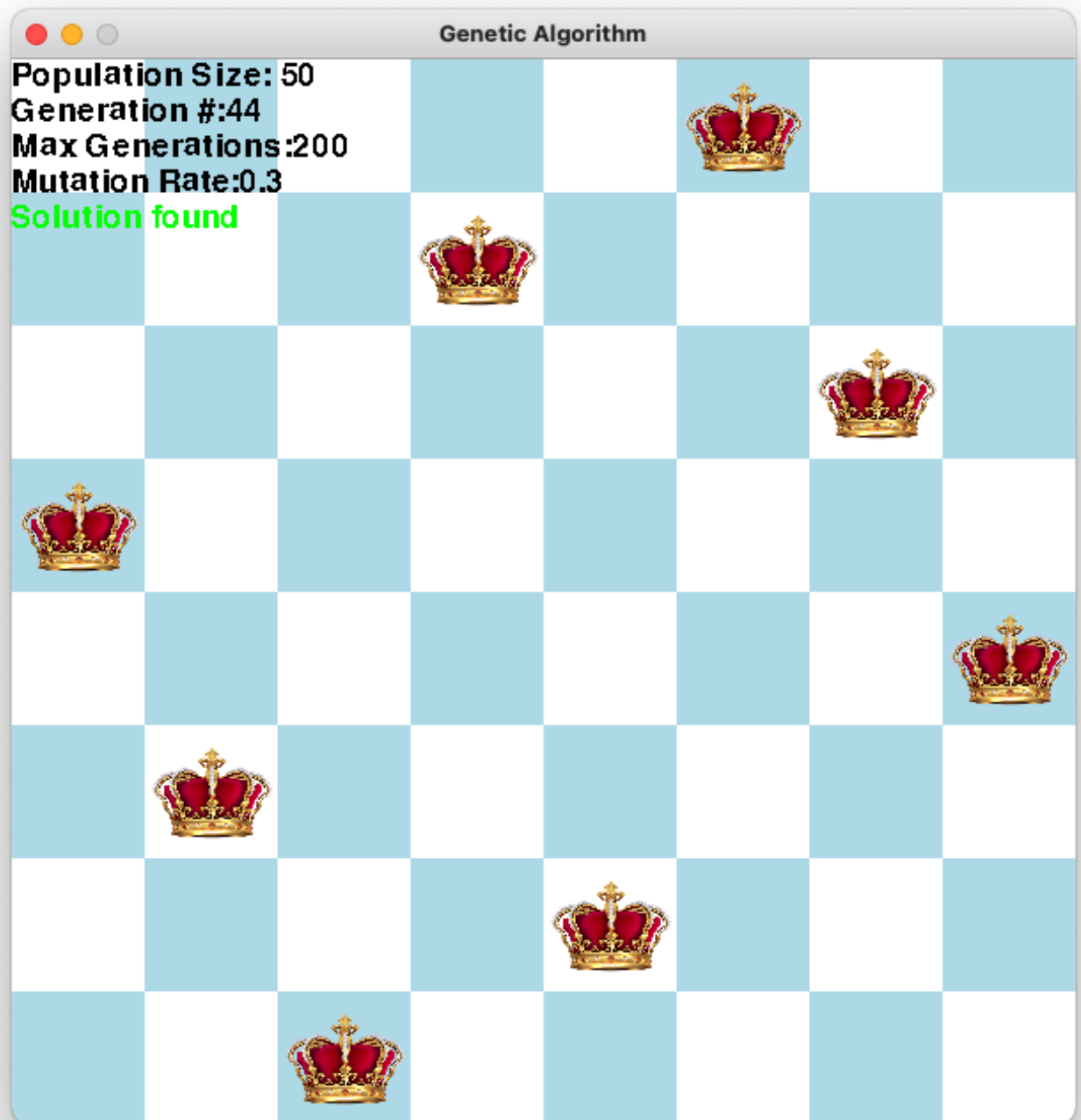ID: s201727090
Section: 02

Please Run: MainGUI.py

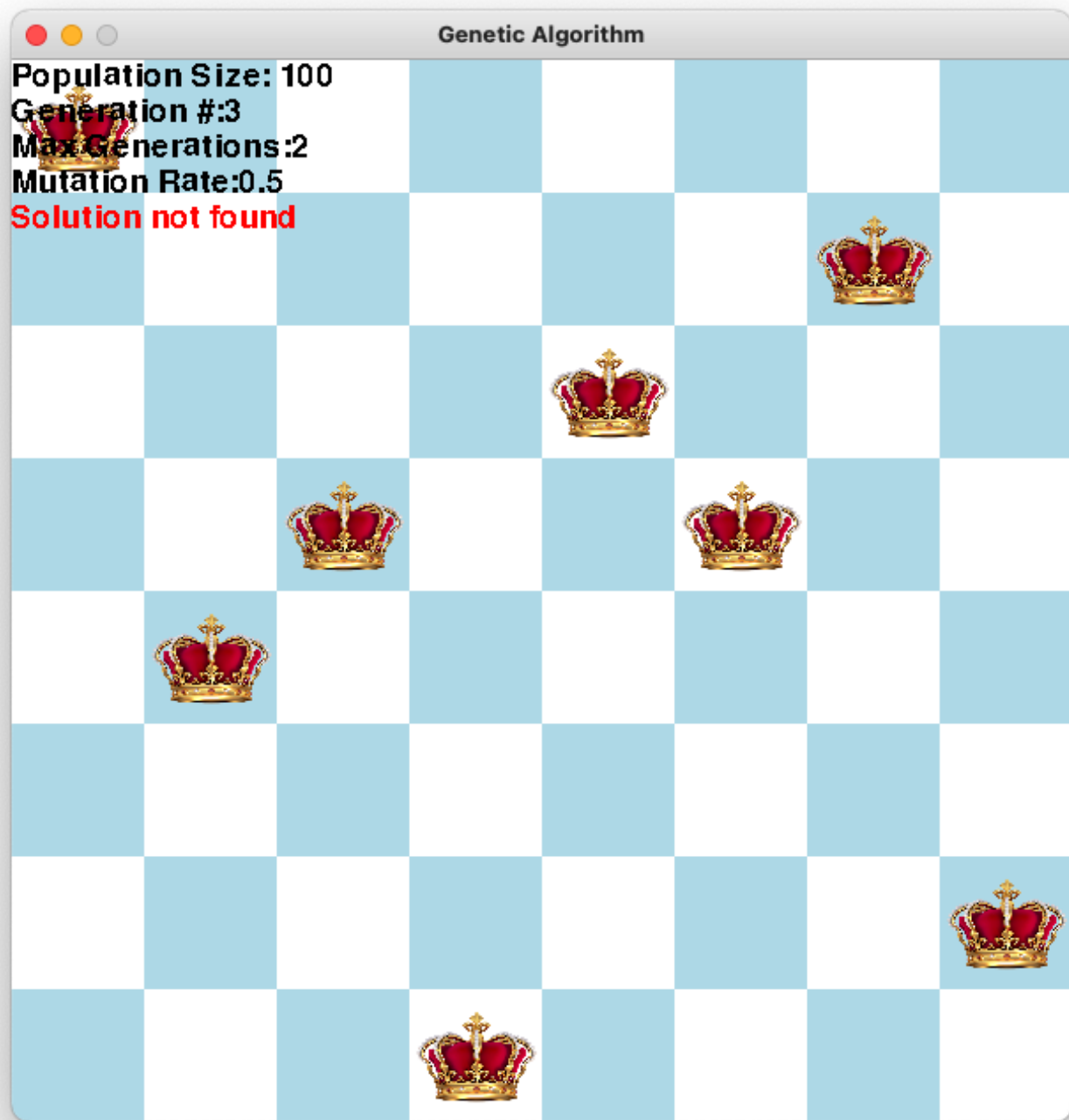- Genetic Algorithm [Queens: 8, Population: 200, Max Generations: 200, Mutation Rate: 0.1]

- Genetic Algorithm [Queens: 6, Population: 200, Max Generations: 200, Mutation Rate: 0.1]

Genetic Algorithm

Population Size: 200
Generation #:91
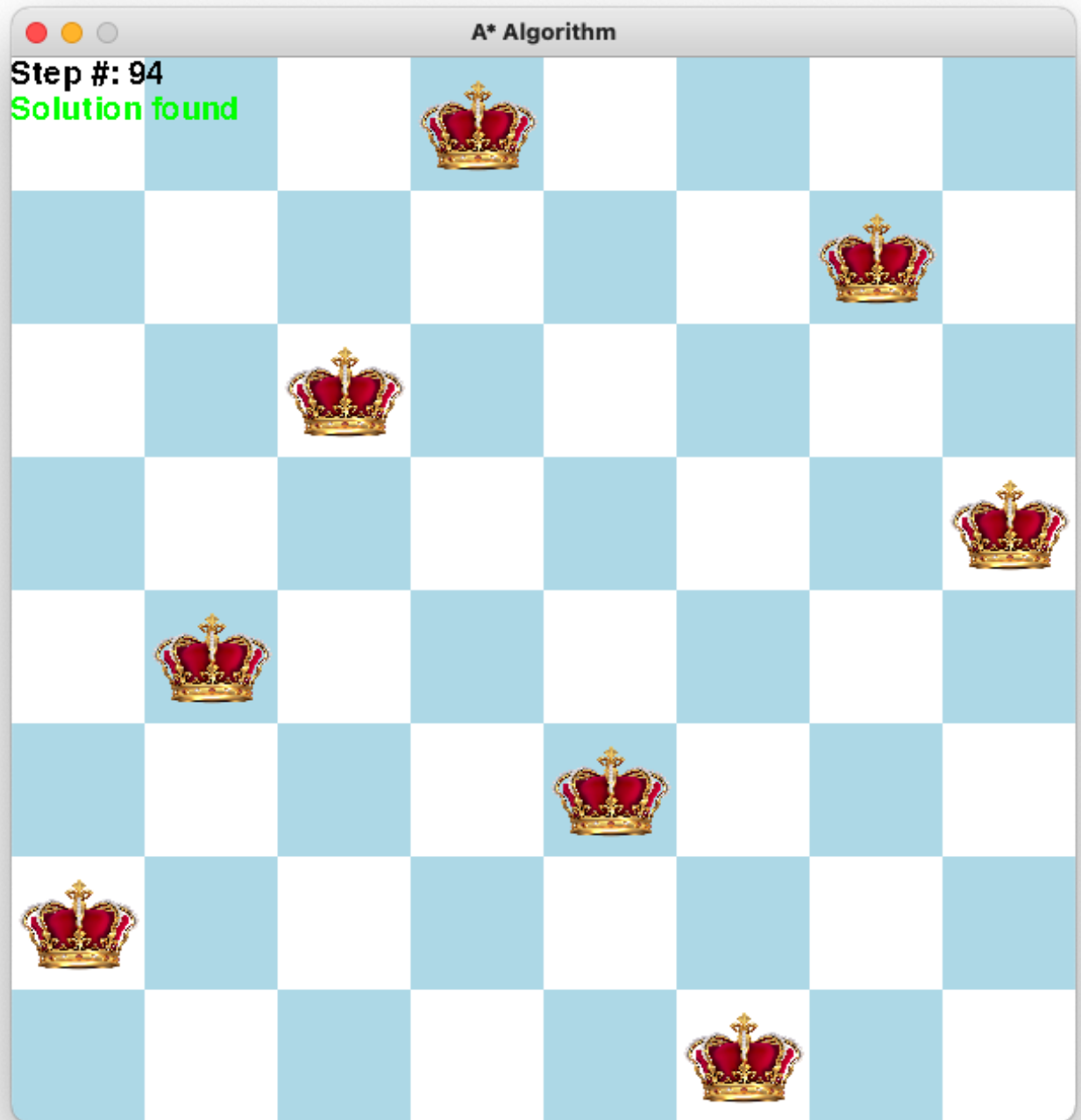Max Generations:200
Mutation Rate:0.1
Solution found

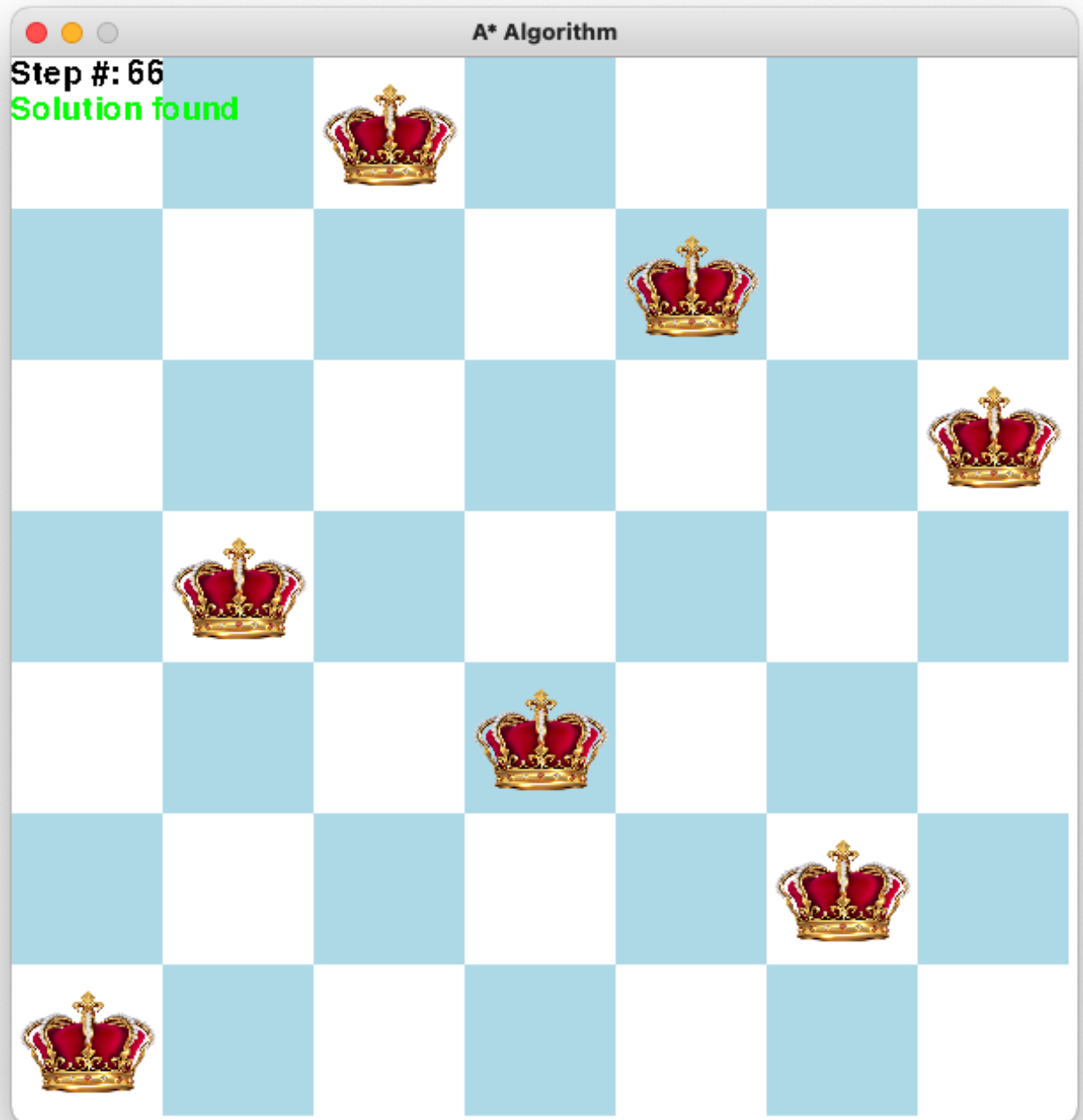- Genetic Algorithm [Queens: 8, Population: 50, Max Generations: 200, Mutation Rate: 0.3]

- Genetic Algorithm [Queens: 8, Population: 100, Max Generations: 2, Mutation Rate: 0.5]
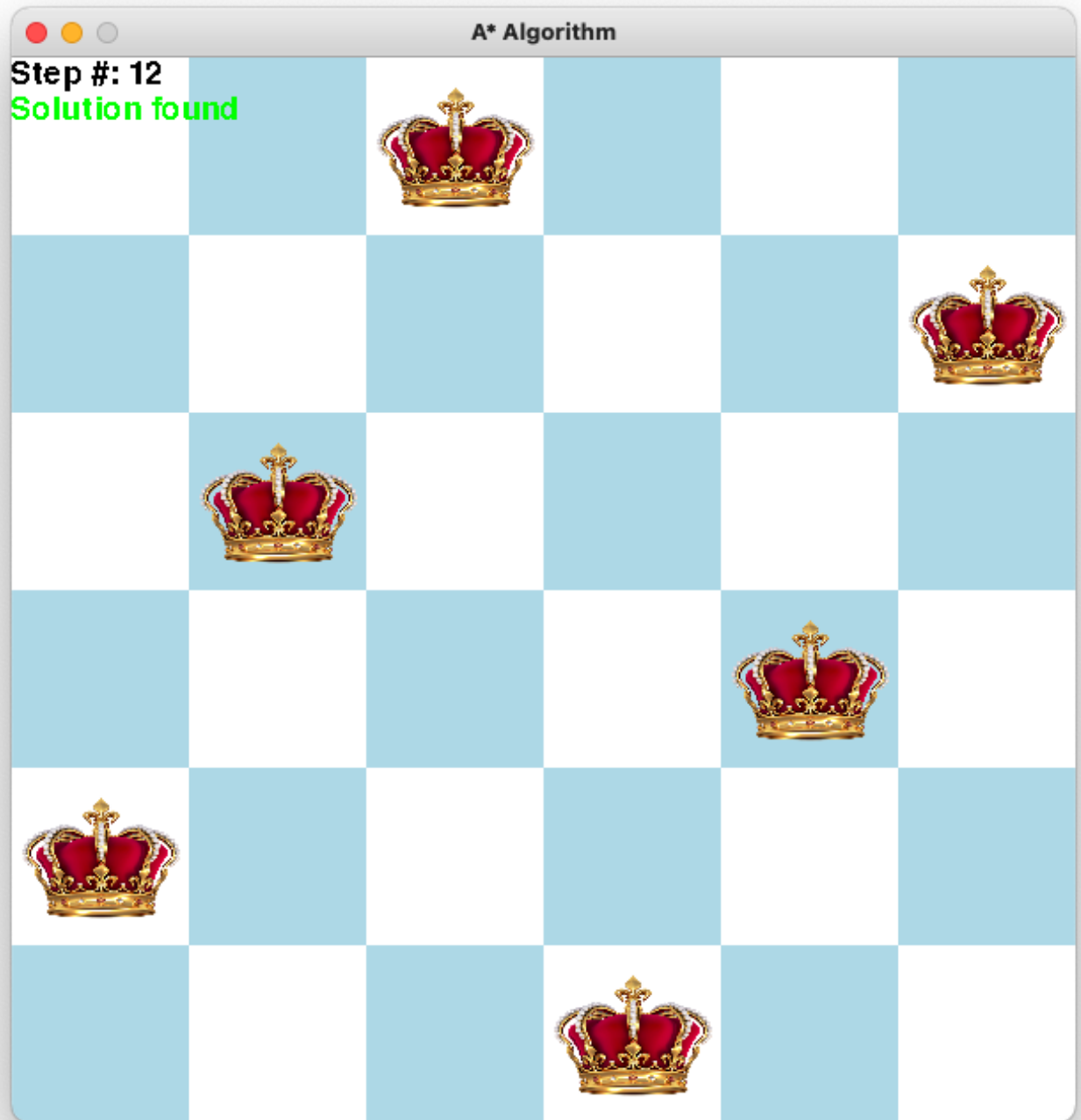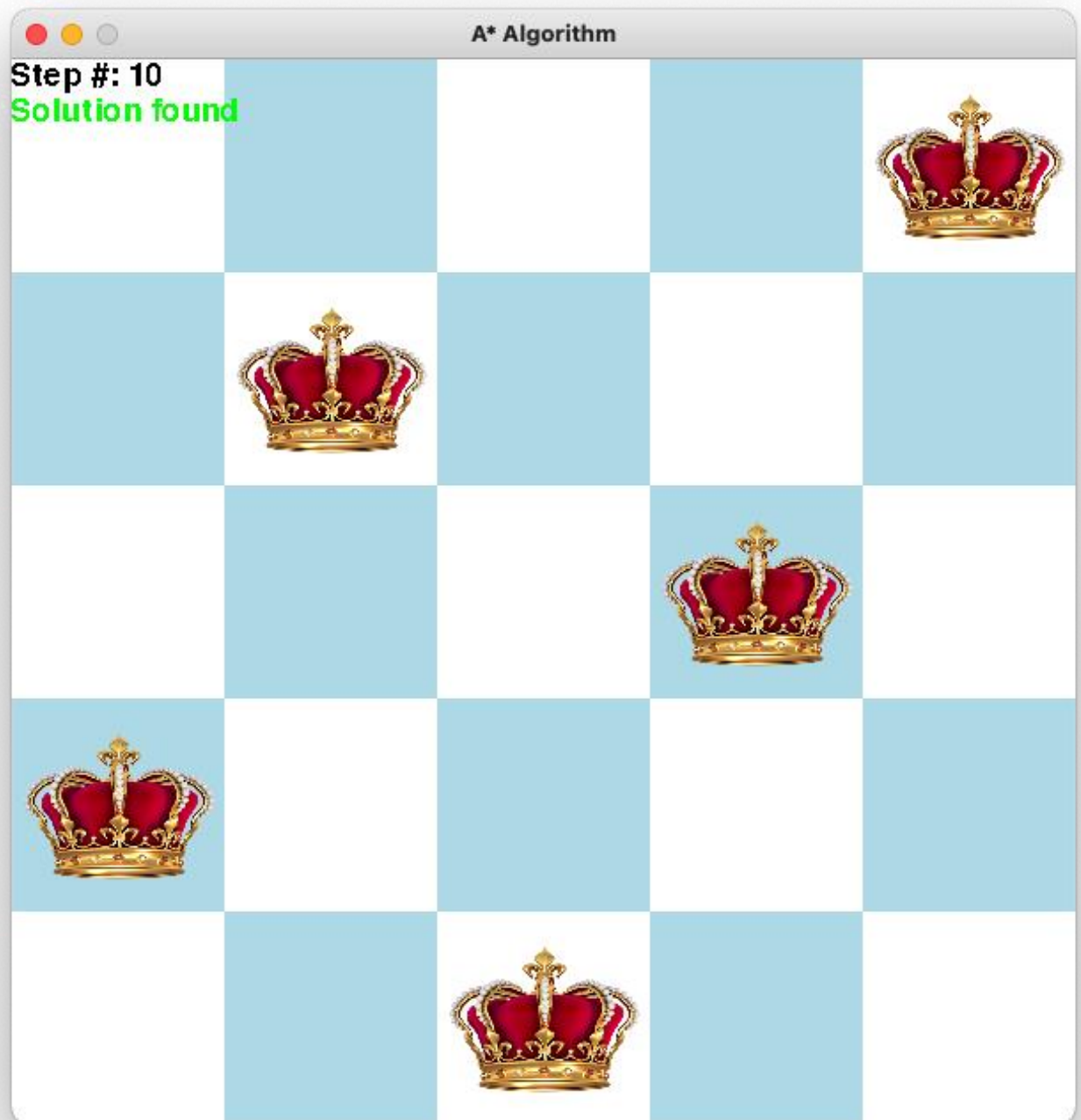
- A* Algorithm (Queens: 8)

- A* Algorithm (Queens: 7)

- A* Algorithm (Queens: 6)

- A* Algorithm (Queens: 5)

- A* Algorithm (Queens: 4)