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# **Programming**

## Q1: Why you think your algorithm is correct (whether you program worked on the sample data or not).

[put why here]

## Q2: Provide an estimate of the time and space complexity of your algorithm.

[put estimate here]

## Q3: Add three-unit tests using the Rosalind sample data, and some of your own. There must be at least one positive and one negative unit test.

[put output here]

# **Theory**

## 2.1 Lesson 3.3

Fuck

## 2.2 Peaceful Placement of Queens

1. What is the smallest n such that n be peacefully placed?

2. Write a recursive algorithm that either places the n Queen’s or determines that no such placement is possible.

See nQueens.py

3. Modify the algorithm so that it counts all peaceful placements.

See nQueens.py