

COT 6401 The Analysis of Algorithms

Homework 1

Due: March 9

All for solutions, provide explanation first in English followed by pseudo code. A brief complexity analysis, including how to derive the result, is also needed.

1. Handout: Selection and Adversary Arguments

problem 5.6

2. Handout: Selection and Adversary Arguments

problem 5.20

3. 17.2

4. 29.5-5