

**COT 6401    The Analysis of Algorithms**  
Homework 3  
Due: April 8

*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: NP and Computational Intractability  
    problem 2
2. Handout: NP and Computational Intractability  
    problem 3
3. 34-2