

**COT 6401 The Analysis of Algorithms**

**Homework 4**

**Due: April 22 and April 27 (FEEDS students)**

*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: Approximation Algorithms

problem 1

2. Handout: Approximation Algorithms

problem 6

3. 35.5