8/15/2020 COMP2521 Final Exam

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The University of New South Wales

Data Structures & Algorithms

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[Instructions] [Website] [C] [Q1] [Q2] [Q3] [Q4] [Q5] [Q6] [Q7] [Q8]

Question 3 (4 marks)

Consider the following function to multiply two N x N matrices:

- a. How many multiplications are performed if N == 3?
- b. How many multiplications are performed if N == 20?
- c. What is the algorithmic complexity of this function? (relative to N)

Instructions:

- Type your answer to this question into the file called q3.txt
- Submit via: give cs2521 exam_q3 q3.txt
 or via: Webcms3 > exams > Final Exam > Submit Q3 > Make Submission

End of Question