

FIT3143 Tutorial Week 6

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SYNCHRONISATION

OBJECTIVES

- The purpose of this tutorial is to introduce the concept of Synchronisation, Mutex, Deadlock
- Understand the concept of Averaging algorithm
- Understand the concept of Chandy-Misra-Haas algorithm

TOPICS

1. Discuss the difference between logical clock and real clock synchronisation.
2. Outline when and why you might need to use a centralised or distributed MUTEX algorithm.
3. Discuss Averaging algorithm
4. Discuss the relationship between the Chandy-Misra-Haas algorithm and the wait for graph in the context of deadlock identification.