

FIT3143 Tutorial Week 3

Lecturers: ABM Russel (MU Australia) and Vishnu Monn (MU Malaysia)

SHARED MEMORY

OBJECTIVES

- The purpose of this tutorial is to introduce Parallel Computing on shared memory
- Understand the concept of POSIX thread
- Understand the concept of OpenMP

TOPICS

1. Discuss advantages and disadvantages of Threads.
2. OpenMP provides a temporary view of the thread memory. Discuss.
3. Explain why multiple nested parallel loops might be a bad idea in the fork-join model employed by OpenMP.