FIT3143 Tutorial Week 2

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INTRODUCTION

OBJECTIVES

- The purpose of this tutorial is to introduce Distributed Systems and Parallel Computing
- Understand tightly coupled system and loosely coupled system
- Understand reliability in the context of distributed storage

TOPICS

1. Estimate the maximum theoretical dual precision performance of your laptop (or lab workstation). HINT: This page may be of use (https://en.wikipedia.org/wiki/FLOPS).
2. Compare tightly coupled system with loosely coupled system in the context of memory sharing.
3. Discuss the distributed systems advantage of reliability in the context of distributed storage.
4. Compare your response above to the disadvantage of failure handling.