

Wollongong Joint Institute of Central China Normal University

JICSCI803 Data Structures and Algorithms

2020

Assignment 3-2

■ Task

Consider you are required to find the algorithm resolutions of a complex computational problem from a real/experimental application scenario. You should use at least two strategies to solve this problem. Analyze and discuss the strategy you adopted.

■ Requirements

- 1.This work should be done individually.
- 2.A presentation (2-5min) is required at the last two lectures of this semester.
- 3.Presentation should, but not limited, include: (1) Problem description; (2) For each strategy, show why the strategy is chosen and how it works (Use pseudo code and experimental result to expound if needed).
4. A complete report is also required to submit on moodle. The report should include:
(1) Problem description;(2) An analysis and discussion about the strategy you adopted; (3) Experimental results of each strategy (Use pseudo code, result data or screenshot pictures in your report). Deadline: Two days after the presentation.