COMP9020 Week 7 Recap

Administrivia

- Assignment 2 due now!
- Assignment 3 released later this week.
- Provisional exam date: Monday 7 December, 10am AEDST (24 hours)

Week 7 Recap

- Logic I: Boolean logic
  - 2-element Boolean Algebra
  - Boolean functions
  - CNF/DNF, canonical DNF
  - Karnaugh maps, optimal DNF
- Logic II: Propositional logic
  - Propositions
  - Tautologies, Contradictions, Contingencies
  - Logical equivalence
  - Entailment

Need to know for this course

- How to compute algorithm run-time in a variety of situations
- Properties of 2-element Boolean Algebra
- How to compute canonical CNF/DNF
- How to make a valid argument