

COMP9020 Week 8 Recap and Administrivia

Administrivia

- Exam
- Assignment 3 now available
- Quizzes 13 & 14
- Online consultation
- More practice questions now available
- [My experience](#) survey

Exam

- **Tuesday, December 3, 8:45am**
- Kensington Room, Randwick Racecourse
- 2 hours

Assignment 3

- Due: **Sunday 24 November, 23:59**
- Q1: Logic and Boolean Algebras
- Q2 and Q3: Graphs
- Q4: Graphs and counting (Catalan numbers)
- Q5: Graphs and Probability (Markov chain)

Week 8 Recap

- Graphs:
 - Definitions and notation: vertices, edges, paths, cycles, connectedness
 - Isomorphisms, Automorphisms
 - Important graphs: Trees, Complete graphs, complete k -partite graphs
 - Graph traversals: Eulerian path/circuit, Hamiltonian path/cycle
 - Graph properties: Chromatic number, Clique number, Planarity
- Basic counting rules: Disjoint sets, Cartesian products

Need to know for this course

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