

Final Review

1 Things to note

1. You will be responsible for understanding all code from week5 to week7.
2. The final exam is not cumulative, however some topics covered from week5 to week7 depend on previous material.

2 Topics:

1. Threads, Mutex, Lambda, Function Pointers
2. chapter 5: Hash maps(All of Chapter 5 notes)
3. Chapter 6: Priority queues(All of Chapter 5 notes)
4. Chapter 9: Graphs(Only these topics: Breadth First Search, Depth First Search, Kruskals Algorithm)

3 Exam Structure

- true/false
- short answers
- 1 coding question: given a problem and you must code up the solution
- Questions with pictures or tables, where you might have to draw a priority queue, or do a graph traversal
- A table for inserting hash values