

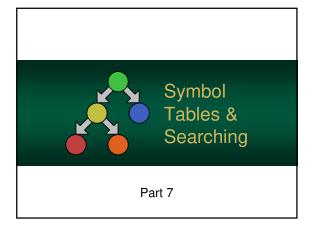
Part 6 – Important to Understand

- Heaps both min-heaps and max-heaps
- Merging heaps
- Priority Queues
- Heaps in arrays (how the math works)
- Heap Sort

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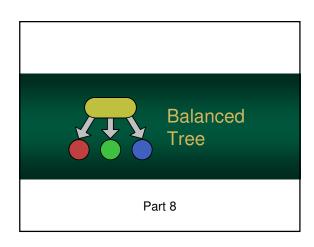
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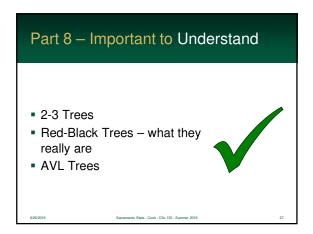


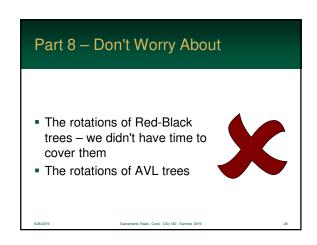




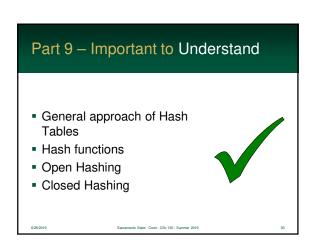


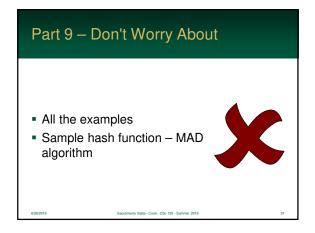


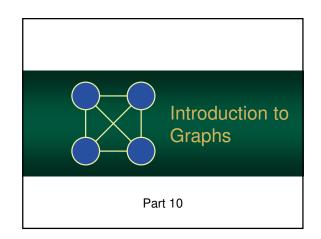












Part 10 – Important to Understand

- Graph terminology
- Directed/Undirected
- Weighted graphs
- Complete graphs (and the math)
- Dijkstra's Algorithm

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Part 10 – Don't Worry About

- History of Graph Theory section
- Real World Examples section
- Background of Dijkstra (the scientist)

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