

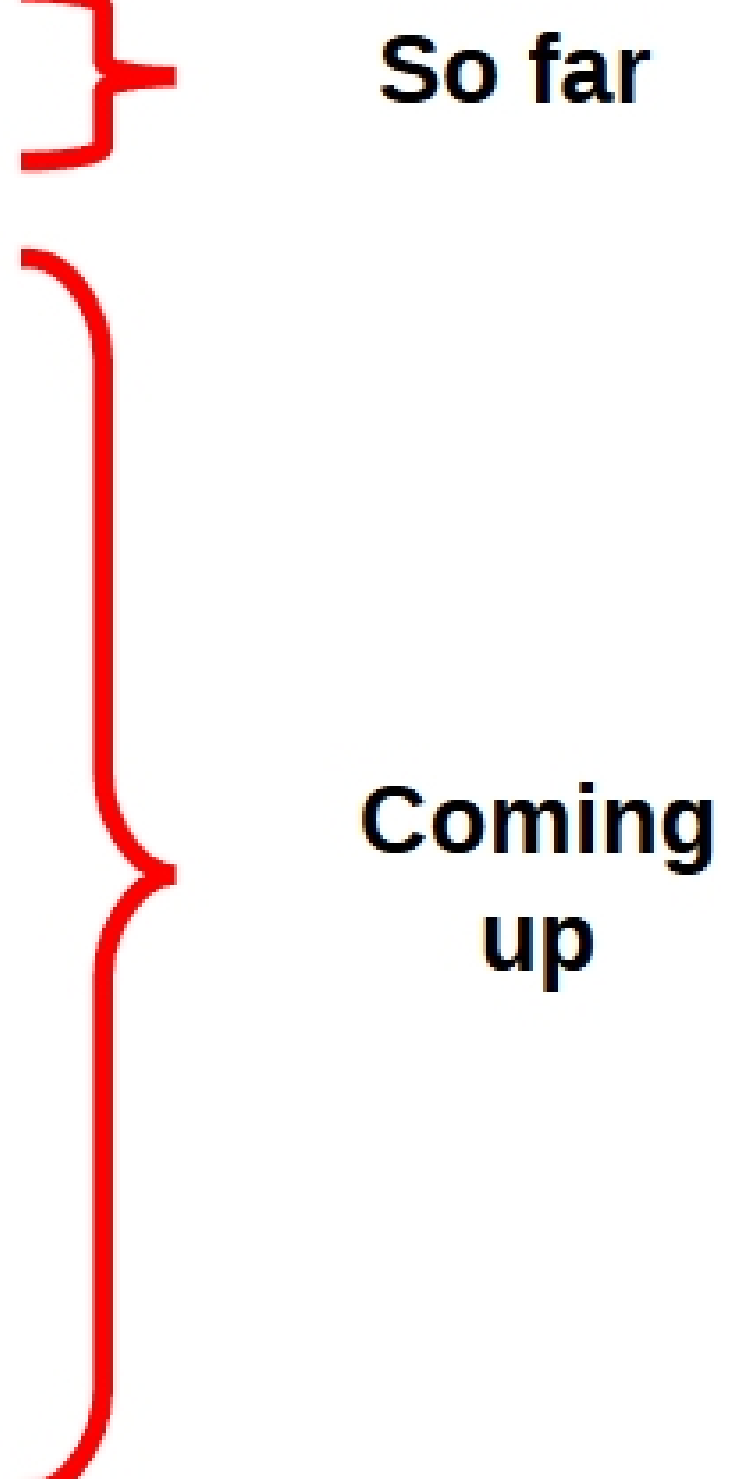
Algorithmic Complexity



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Where We Are

- OO software development
 - Algorithms & data structures
 - Asymptotic analysis
 - Data structures
 - Linear
 - Hierarchical
 - Unstructured
 - Advanced Java
 - Collections
 - Threads
- So far
- Coming up
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- A diagram illustrating the course structure. The topics are listed on the left, and two red curly braces on the right group them into two sections: 'So far' and 'Coming up'. The 'So far' section includes 'OO software development' and 'Algorithms & data structures'. The 'Coming up' section includes 'Asymptotic analysis', 'Data structures' (with its sub-topics), and 'Advanced Java' (with its sub-topics).

Algorithm Efficiency

■ Efficiency

- Amount of resources used by algorithm
 - Time, space

■ Measuring efficiency

- Benchmarking
- Asymptotic analysis