

Verifying asymptotic performance

COMP.CS.300 Data structures and algorithms 1

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Verifying asymptotic performance

- **Pseudocode/designing**

- *Estimate* of asymptotic performance

- **Implementation/coding**

- As efficient implementation as possible
- *Hopefully* has the asymptotic performance that was estimated

- **Testing**

- Does the performance of the implementation correspond to the design?