

Introduction: Coming Up

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Algorithmic Toolbox
Data Structures and Algorithms

Coming Up

Cover two algorithm problems:

- Fibonacci Numbers
- Greatest Common Divisors

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- Fibonacci Numbers
- Greatest Common Divisors

Examples of why algorithms are important.

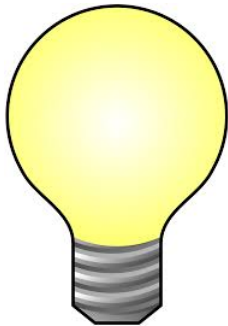
Straightforward Algorithm



Take Too Long



Slightly More Complicated Algorithm



That is Very Fast

