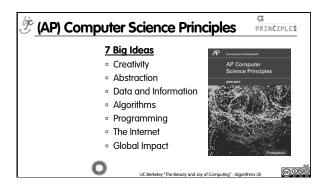
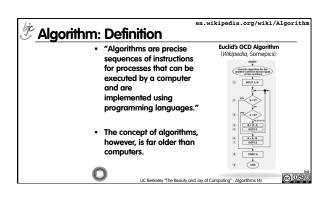
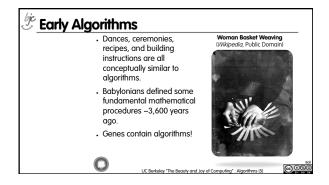
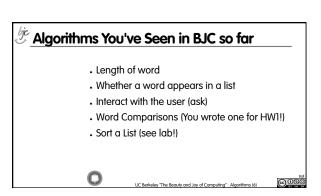


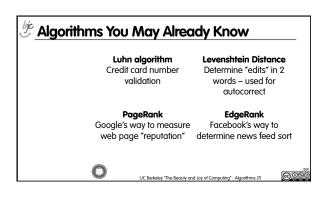
Algorithms:
Definitions

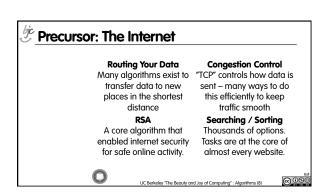


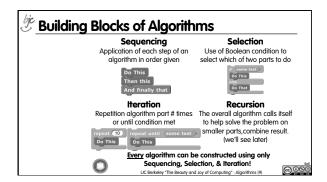




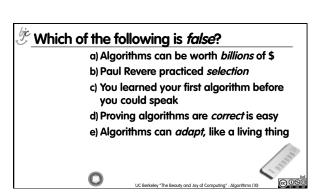








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Algorithms: Properties, Expressing



- Algorithms can be combined to make new algorithms.
  - Using existing correct algorithms as building blocks for constructing a new algorithm helps ensure the new algorithm is correct.
  - Knowledge of standard algorithms can help in constructing new algorithms
  - Different algorithms can be developed to solve the same problem.
  - Developing a new algorithm to solve a problem can yield insight into the problem

UC Berkeley "The Beauty and Joy of Computing" - Algorithms (12)

