- Sit wherever you'd like, but try to stay there week to week.
- Always bring name card!
- Submit <u>cs50.ly/hbs/survey</u> before we get started.

cs50.harvard.edu/hbs/2019/spring/

cs50.ly/hbs



- Announcements
 - Auditing
 - Cross-Registering
- Assignments
- Calendar
- Classes
- Labs
- Slack
- Staff
- Syllabus

Staff

- Maria Zlatkova
- Colton Ogden
- Andy Chen
- Caroline Teicher
- Emma Humphrey
- Greg Mittleider
- James Bedford
- Joshua Sacher
- Nick Wong
- Rodrigo Daboin Sanchez

Classes

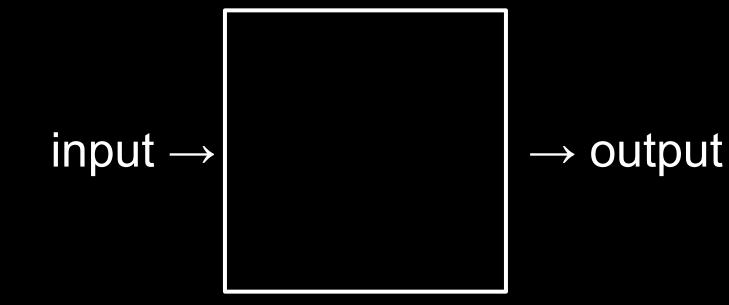
- Computational Thinking
- Python
- Python, continued
- Algorithms, Data Structures
- SQL
- Internet Technologies
- Artificial Intelligence
- Cloud Computing
- Privacy, Security
- Web Design
- Web Programming
- Software Engineering
- Mobile Strategies
- Technology Stacks

Labs

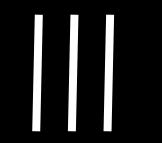
- Scratch
- Python
- Python, continued
- SQL
- HTML, CSS
- JavaScript

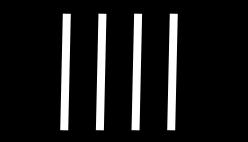
Computational Thinking

Computational Thinking



representation















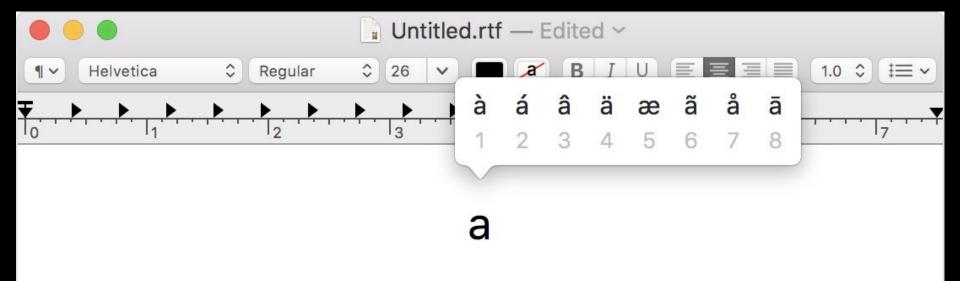
ASCII

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abstraction

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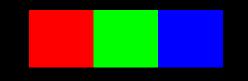


Unicode

UTF-8





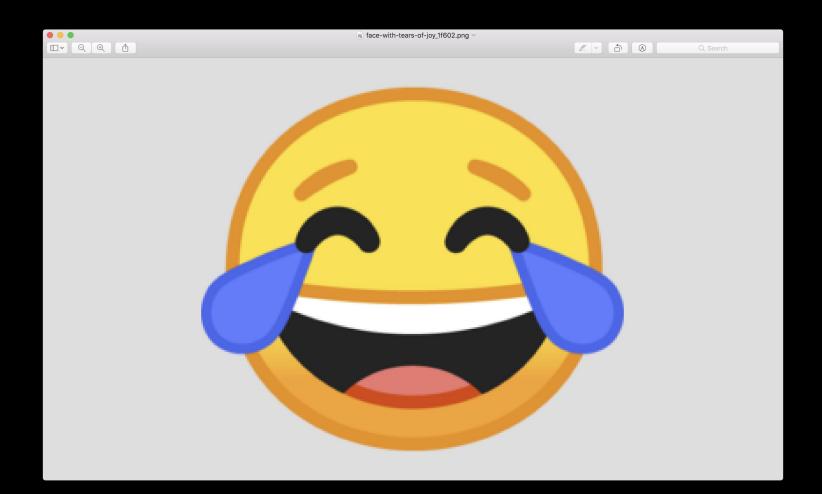


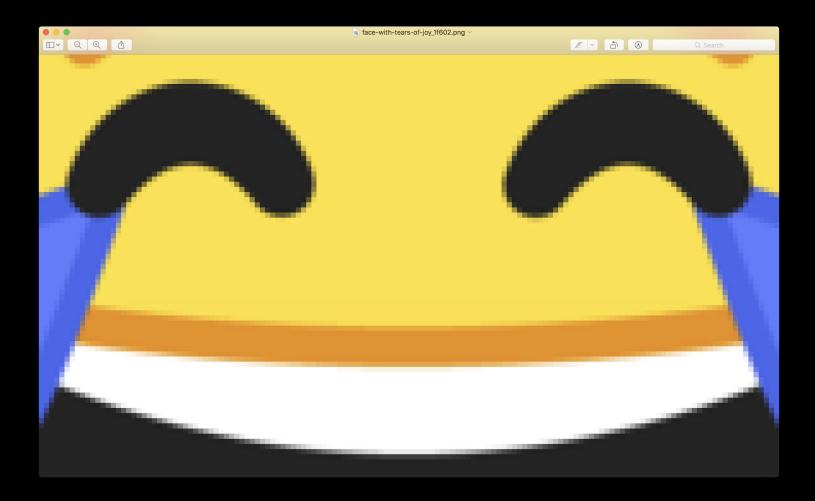






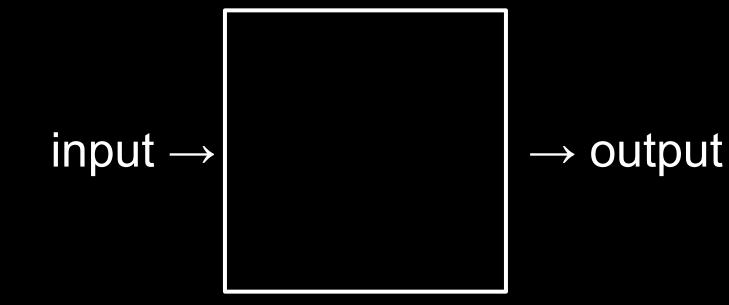










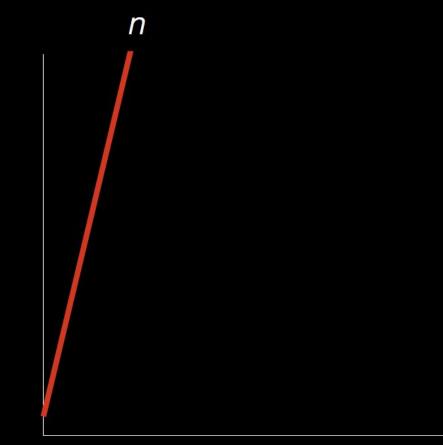


algorithms

time to solve

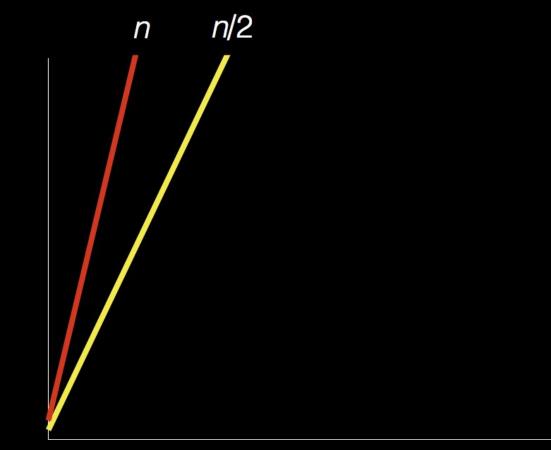
size of problem

time to solve

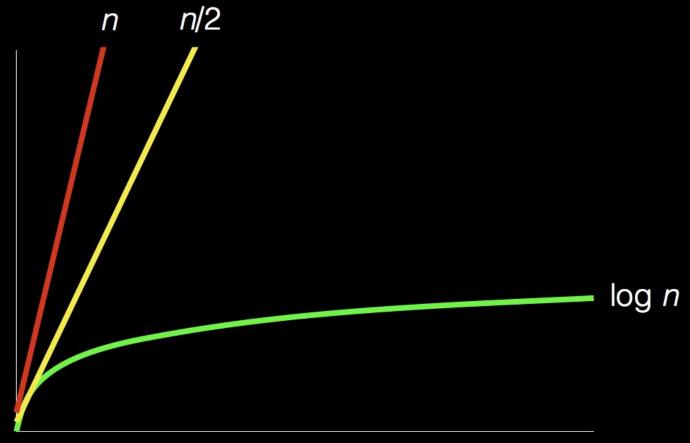


size of problem





size of problem



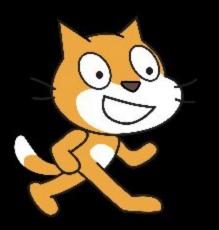
size of problem

time to solve

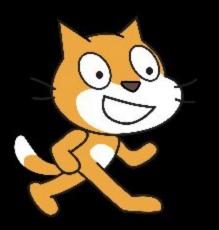
pseudocode

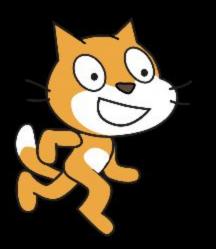
- functions
- conditions
- Boolean expressions
- loops

- functions
- conditions
- Boolean expressions
- loops
- variables
- threads
- events
- ...









Assignment 0