

CS50 Puzzle Day

17 Hillhouse

Sat 9/8/18, 12pm - 3:30pm

cs50.yale.edu/register

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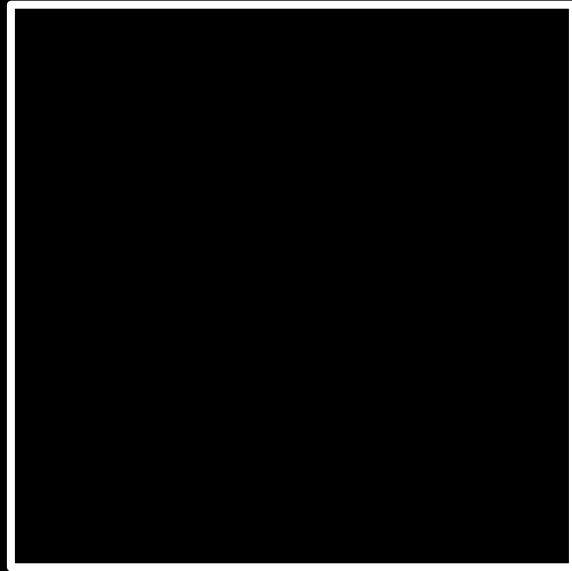
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This is CS50

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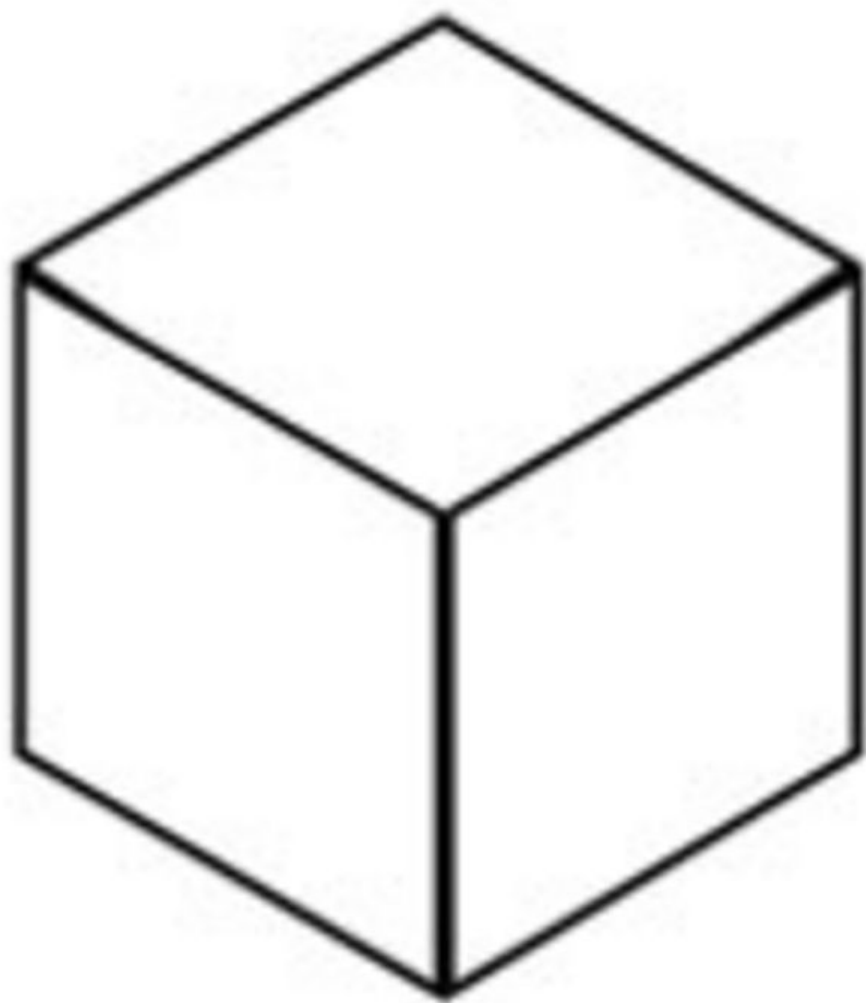
input →



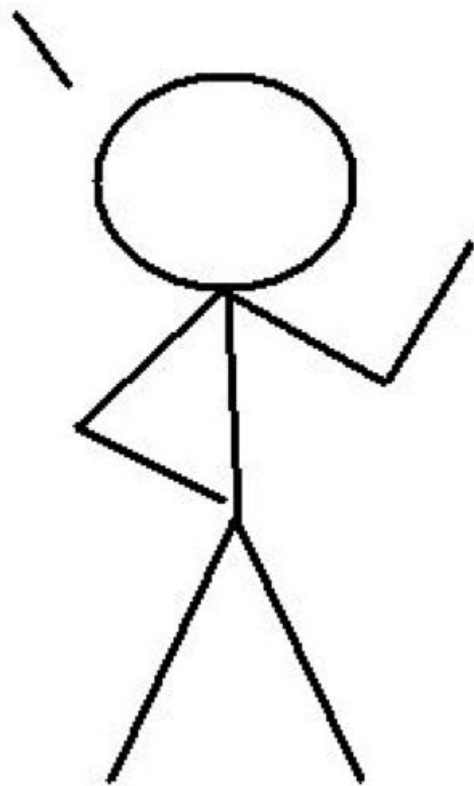
→ output

representation

abstraction

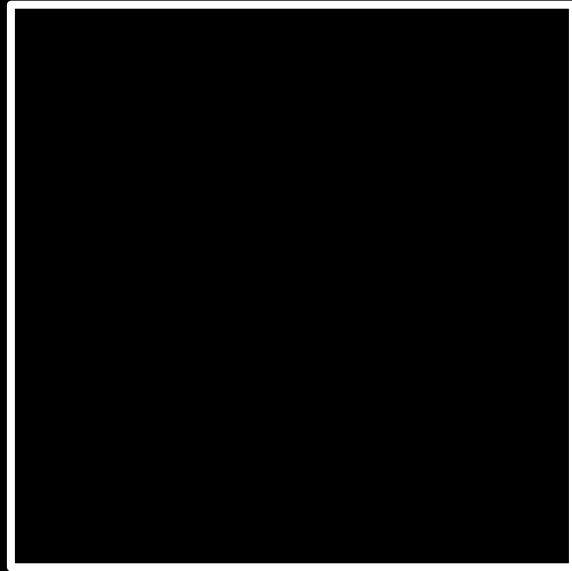


Hi



abstraction

input →



→ output



algorithms

pseudocode

```
0  pick up phone book
1  open to middle of phone book
2  look at names
3  if Smith is among names
4      call Mike
5  else if Smith is earlier in book
6      open to middle of left half of book
7      go back to step 2
8  else if Smith is later in book
9      open to middle of right half of book
10     go back to step 2
11  else
12     quit
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- functions
- conditions
- Boolean expressions
- loops

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





Problem Set 0

released tomorrow, due Tuesday