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Iglee

Uses VM

MIT algorithms

Big O analysis

Stacks and heaps

Python, Scalar, Java

LISP comprehensions

Interviews in python on arrays is easier

Spark is annoying to work on but is really fast.

Using python create a simple extraction tool which extracts from MySQL to JSON files, with the defined table schema, which columns could we use for joining.

Import json

import pycopg2

json.dumps

Coding interview – Chapter 1 Arrays and Strings

1.4 Palindrome permutation

Solution: Do all permutation, then check if palindrome, each.

2.3 Linked list

Given a linked list, delete middle node, given you only have access to the middle node.

Solution: copy the next node to the current node.

3.2 Stack Min

Push, pop and min should operate in 0(1) time.

Solution: int value, minValue.

If not restricted to 0(1) time, use another stack to store *min*.