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## Daily Coding Problem: Problem #52 [Hard]

1 message

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**Daily Coding Problem** <founders@dailycodingproblem.com>

Fri, Jul 29, 2022 at 11:37 AM

To: sjayaraj@nyit.edu



Daily Coding Problem

Good morning! Here's your coding interview problem for today.

This problem was asked by Google.

Implement an LRU (Least Recently Used) cache. It should be able to be initialized with a cache size `n`, and contain the following methods:

- `set(key, value)`: sets `key` to `value`. If there are already `n` items in the cache and we are adding a new item, then it should also remove the least recently used item.
- `get(key)`: gets the value at `key`. If no such key exists, return null.

Each operation should run in  $O(1)$  time.

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