

# Title

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## Problem

- Sorting 5 Decks of Cards
- Currently: 1 person
  - take a deck, sort a deck, put in finish pile
  - repeat 5x
- proposed: 3 people
  - each person takes a deck
  - each person sorts a deck
  - each person puts deck in finish pile

## Coding

- for method
  - 1 person
- list comprehension / map
  - 1 person
- my multithreaded map
  - arbitrarily many people
  - optimized for machine

## Implement

- When to use: Any time you're acting on every element of list separately
  - ex: apply, l apply, rapply
- When not to use: results depend on each other

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- ex: fibonacci sequence, sorting a single set