

# Sequential Paradigm

- ❖ Sequential Parts - just about every PL, e.g. JavaScript, Python, C, etc.
- ❖ Sequential Parts lead to one-in-one-out philosophy
- ❖ Threads can be used to break out of Sequential Paradigm



# Threads

- ❖ Hard to reason about
- ❖ Hard to debug
- ❖ Overkill
  - ❖ More complicated than necessary
- ❖ Conflated with difficult issues, like time-sharing and shared memory
- ❖ Conclusion: Don't use Threads, use Concurrency instead