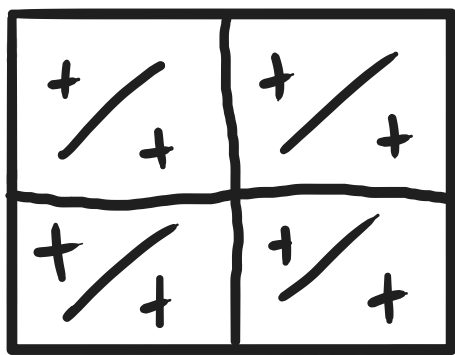


MULTITHREADING

JAVA by default is single-threaded

↳ one thing running @ a time, in order

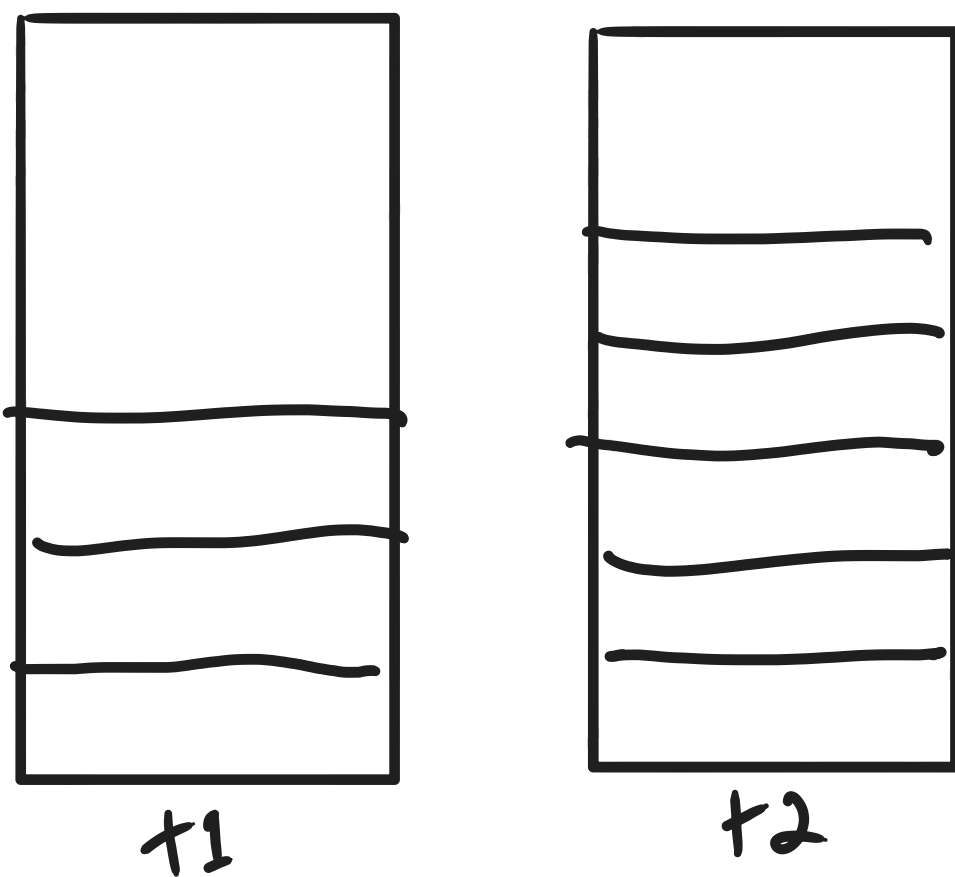
↳ Capable of multi-threading = multiple concurrent processes



CPU
4 cores

→ Java competes w/ other apps for thread time

Each has own call stack



Each also has its own memory

- penalty (time)
for crossing memory
btw threads

You CANNOT predict the order in which threads will process

↳ We have to work around this when using shared resources

