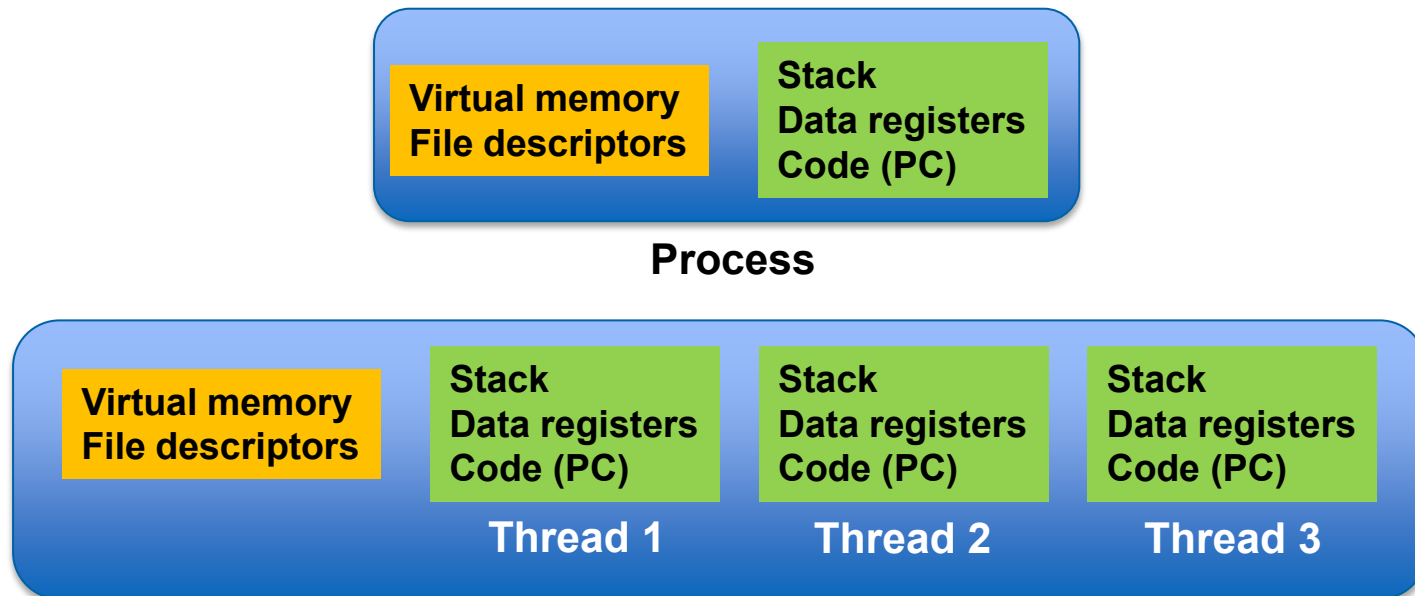Module 2: Concurrency Basics
Topic 1.3: Threads and Goroutines
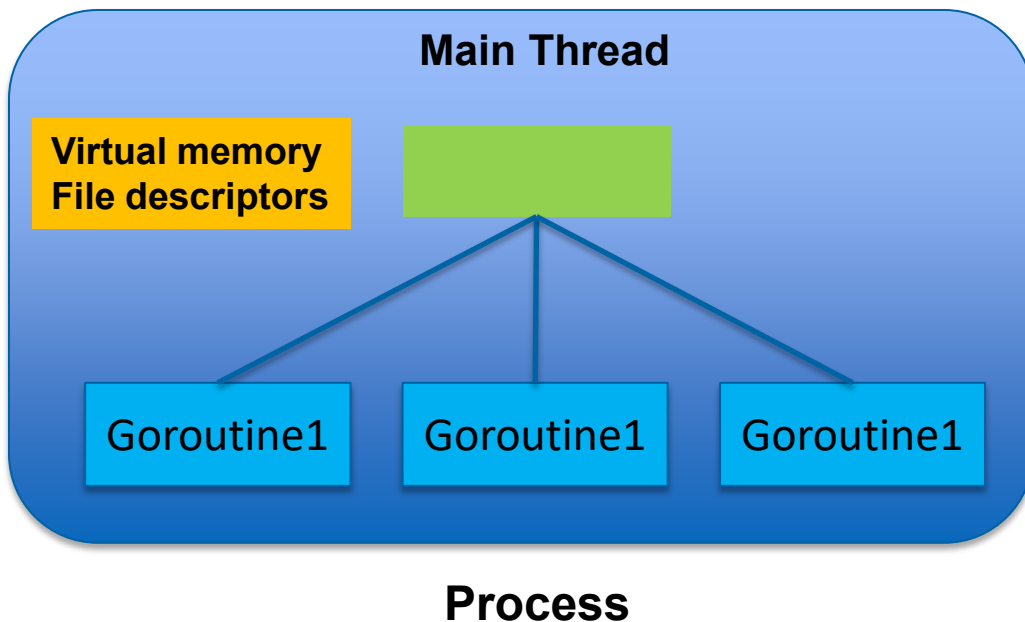
Threads vs. Processes

- Many threads can exist in one process

- Threads share some context

- OS schedules threads rather than processes

Goroutines

- Like a thread in Go
- Many Goroutines execute within a single OS thread

Go Runtime Scheduler

- Schedules goroutines inside an OS thread
- Like a little OS inside a single OS thread
- **Logical processor** is mapped to a thread

Main Thread

Logical Processor

Goruntime

Goroutine1 Goroutine1 Goroutine1