Shared Memory Architecture

Recall

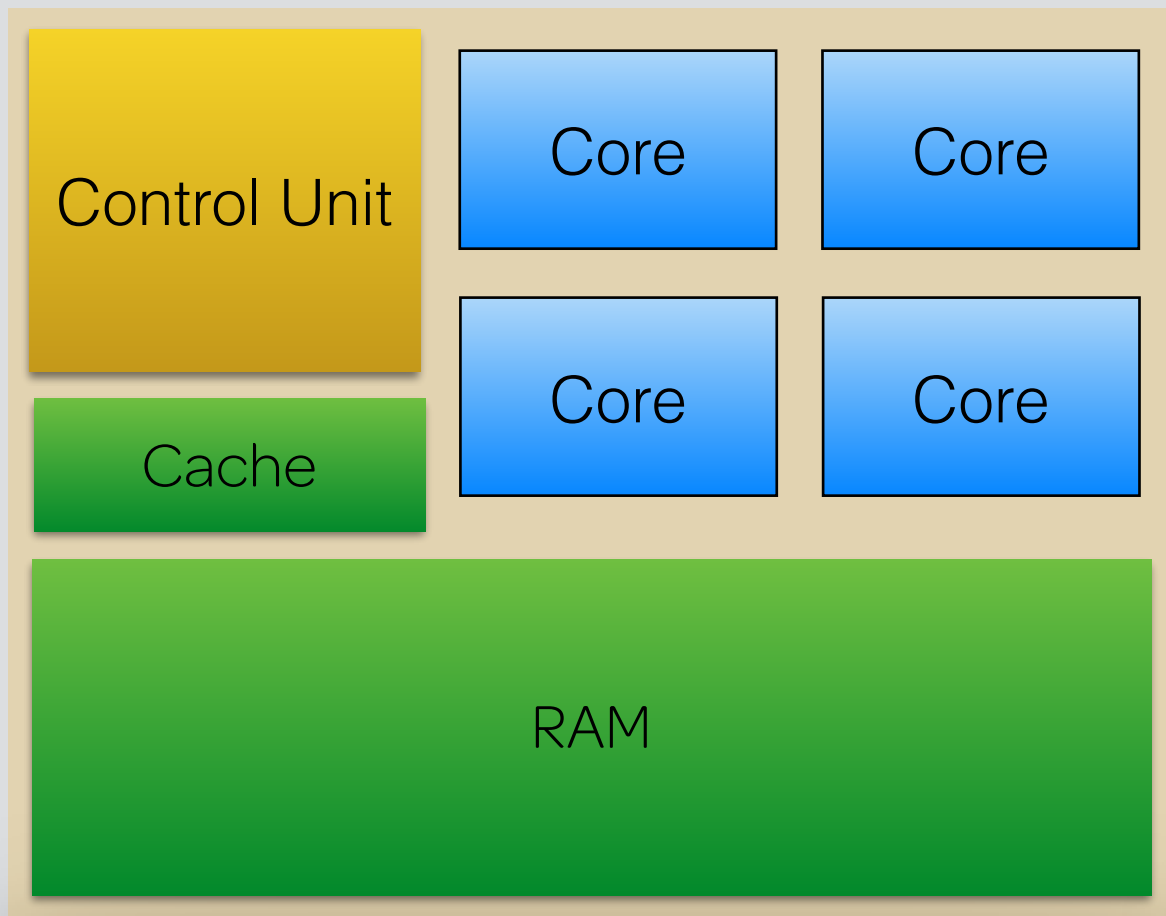**Threads in different processors can use the same virtual address space.**

Communication is done through shared memory variables

Synchronizations can be done by variables seen by both threads
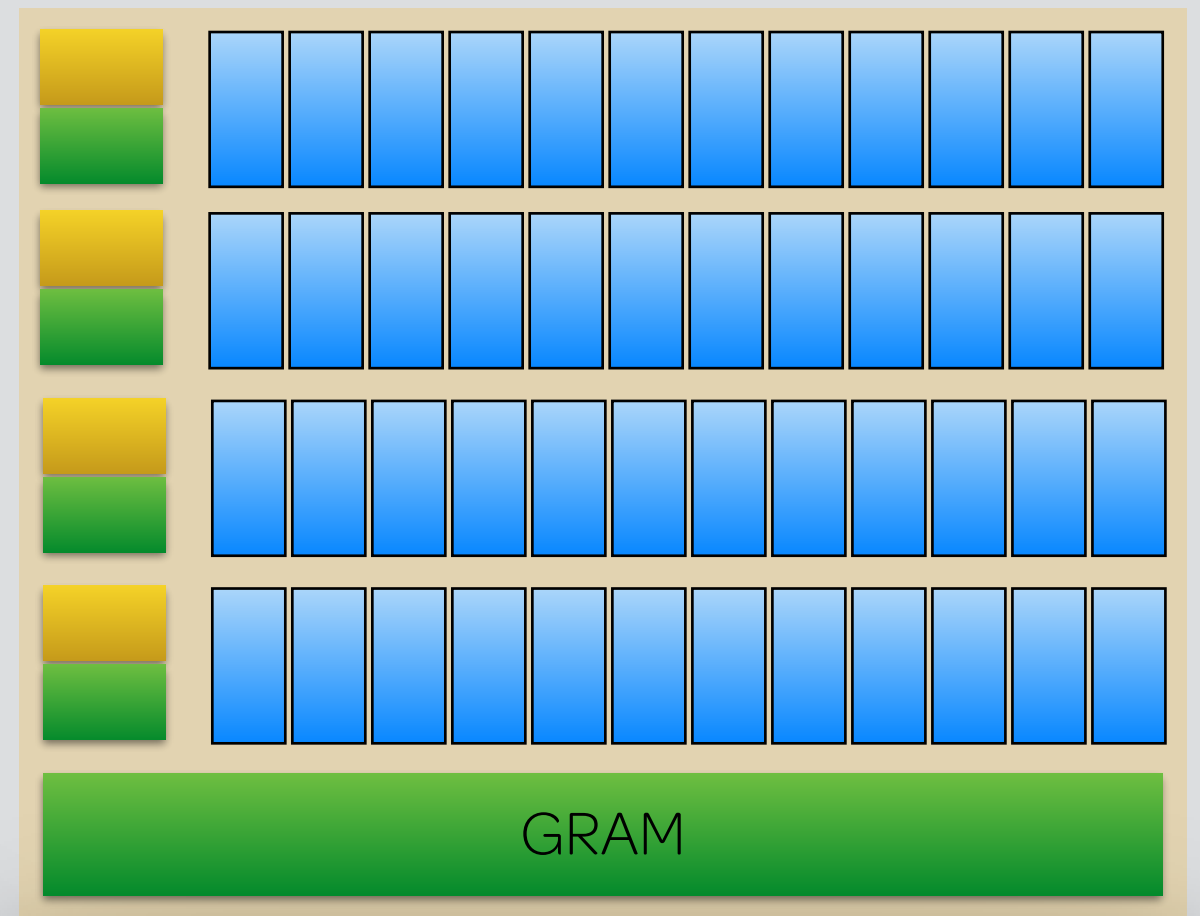
Listing 3

Permit variable is a lock for Secondary Thread preventing to enter the ZONE!

Parallel Processing Architectures

Central Processing Unit

Graphic Processing Unit