CR 19

Concurrency

- multiple computations at the same time

Shared Memory vs. Message Passing

Concurrent modules interact by reading and writing shared objects in memory

Concurrent modules interact by sending messages to each other through a communication channel

Process

- isolated instance of running program

Thread

- locus of control in running program

Race Condition

- the correctness of a program depends on the relative timing in concurrent events A and B.

  ↳ hard to test and debug