Sections 3.1 – 3.3 – DUE
1. Parallel Pattern
2. Deterministic
3. Nesting Pattern
4. Functional Decomposition
5. Parallel Slack
6. Recursion
7. Alias
8. Map Pattern
9. Pure Function
10. Stencil Pattern

Sections 3.3 – 3.5
1. Reduction Pattern
2. Scan Pattern
3. Prefix Sum
4. Stack
5. Heap
6. Pack
7. Unpack
8. Pipeline

Questions
1. Compare & Contrast FORK & SPAWN.
2. Compare & Contrast JOIN & BARRIER.
3. Given an array of size 10, containing the following data (3, 4 1, 4, 5, 2, 8, 9, 1, 9).
   Demonstrate the scan operation (parallel prefix sums) showing EVERY step.
4. State & describe 2 specific examples of when Pack could be useful.