MyThread Library
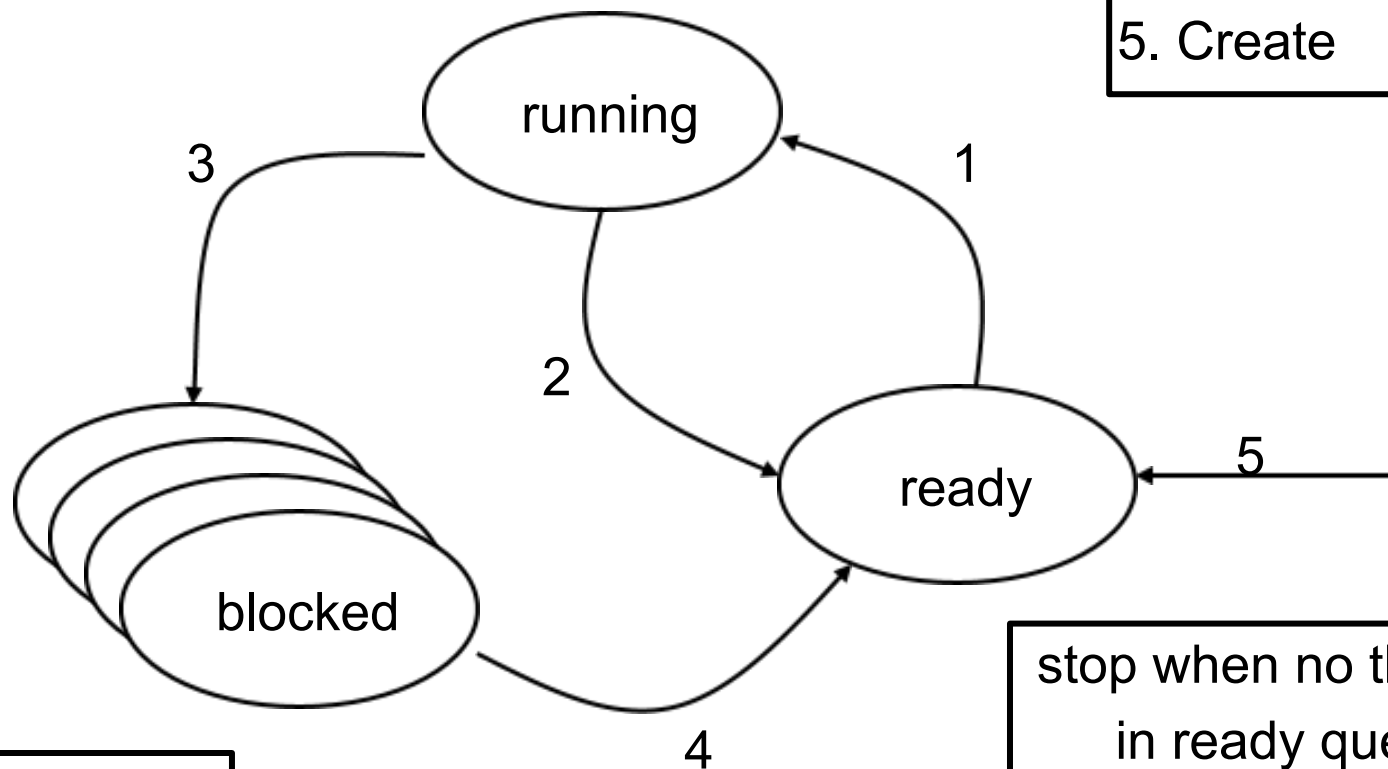
Thread state diagram

1. Head of ready Q
2. Yield
3. Wait, join
4. Signal, exit (ends join)
5. Create

one thread can be running

running

3

1

2

ready

blocked

5

4

stop when no threads
in ready queue

one or more
blocked queues

Plan

1. Understand context routines
   ○ Write test program that switches between 2 threads
2. Implement create(), yield()
3. Implement exit(), join()
4. Implement semaphores