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CS322: OS
Programming Assignment 2: Process Synchronization

Answers to the pseudocode questions:

1. Thirsty Persons Problem:

Server blanks

1. Wait(server)
2. Signal(a[k])

Drinker blanks

3. Wait(a[r])
4. Signal(server)

2. Lazy Dentist Problem:

Dentist blanks

1. Wait(patientReady)
2. Wait(seatCountWriteAccess)
3. Signal(dentistReady)
4. Signal(seatCountWriteAccess)

Customer blanks

5. Wait(seatCountWriteAccess)
6. Signal(patientReady)
7. Signal(seatCountWriteAccess)
8. Wait(dentistReady)
9. Signal(seatCountWriteAccess)