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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[i] )
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 )