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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 )