

### **Group Member Names:**

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### **Algorithm 3 Pseudocode:**

#### Problem Statement:

Determine the available time slots for group meetings based on individual schedules and daily working periods.

#### Input:

Busy\_Schedules: A list of schedules where each schedule contains unavailable time intervals for a person

Working\_Periods: A list of the earliest and latest available times for each group member

Duration: Minimum required meeting duration

#### Output:

Available Slots: A list of time intervals when all group members are available

#### Assumptions:

Times (24-hour military) -> change to minutes

**Proving Efficiency for Pseudocode:**