1. Ask students to come forward and pick up:
   - Attendance card

2. Announcements:
   - Quiz #5 is scheduled today (10 to 15 minutes at the end)

3. Process deadlock
   - Process_Deadlock.ppt

4. The suggested Project #1 base structure

```
for (i = 0; i < NUM_REPEATS; i++)
{
    A = generate_message(…);
    wait (MUTEX1);
    write_to_shared_memory(msg, A);
    signal(MUTEX1);
    delay_time = rnd();
    delay(delay_time);
}
```

```
while (TRUE)
{
    wait(MUTEX2);
    reader_counter = reader_counter + 1;
    if (reader_counter == 1)
    {
        wait(MUTEX1);
    }
    signal(MUTEX2);
    B = read_from_shared_memory(msg);
    wait(MUTEX2);
    reader_counter = reader_counter - 1;
    if (reader_counter == 0)
    {
        signal(MUTEX1);
    }
    signal(MUTEX2);
    display_the_message(B);
    delay_time = rnd();
    delay(delay_time);
}
```

5. Quiz #5 (10 to 15 minutes)
   - A timekeeper wanted