ALGORITHM FOR DINING PHILOSOPHER:

Void Philosopher

1. {
2. **while**(1)
3. {
4. take\_chopstick[i];
5. take\_chopstick[ (i+1) % 5] ;
6. . .
7. . EATING THE NOODLE
8. .
9. put\_chopstick[i] );
10. put\_chopstick[ (i+1) % 5] ;
11. .
12. . THINKING
13. }
14. }