

Output:

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muktadul@muktadul-Inspiron-15-3567:~/Documents/OS$ gcc -o s Dining_Philosophers_Problem.c -lpthread -lrt
muktadul@muktadul-Inspiron-15-3567:~/Documents/OS$ ./s
Philosopher-3 took his left chopsticks
Philosopher-3 took his right chopsticks
Philosopher-1 took his left chopsticks
Philosopher-1 took his right chopsticks
    Philosopher-3 put his left chopsticks
    Philosopher-3 put his right chopsticks
    Philosopher-2 wanted take his left chopsticks but as it is taken so he put his right chopsticks
Philosopher-4 took his left chopsticks
Philosopher-4 took his right chopsticks
    Philosopher-1 put his left chopsticks
    Philosopher-2 wanted take his right chopsticks but as it is taken so he put his left chopsticks
Philosopher-0 took his left chopsticks
    Philosopher-1 put his right chopsticks
    Philosopher-3 wanted take his right chopsticks but as it is taken so he put his left chopsticks
    Philosopher-2 wanted take his right chopsticks but as it is taken so he put his left chopsticks
Philosopher-2 took his left chopsticks
    Philosopher-3 wanted take his right chopsticks but as it is taken so he put his left chopsticks
Philosopher-2 took his right chopsticks
    Philosopher-4 put his left chopsticks
    Philosopher-4 put his right chopsticks
Philosopher-0 took his left chopsticks
    Philosopher-2 put his left chopsticks
    Philosopher-2 put his right chopsticks
Philosopher-2 took his left chopsticks
Philosopher-2 took his right chopsticks
    Philosopher-0 put his left chopsticks
    Philosopher-0 put his right chopsticks
Philosopher-0 took his left chopsticks
Philosopher-0 took his left chopsticks
    Philosopher-2 put his left chopsticks
    Philosopher-2 put his right chopsticks
Philosopher-3 took his left chopsticks
Philosopher-3 took his right chopsticks
    Philosopher-0 put his left chopsticks
    Philosopher-0 put his right chopsticks
Philosopher-1 took his left chopsticks
Philosopher-1 took his right chopsticks
    Philosopher-3 put his left chopsticks
    Philosopher-3 put his right chopsticks
    Philosopher-1 put his left chopsticks
    Philosopher-1 put his right chopsticks
    Philosopher-1 wanted take his right chopsticks but as it is taken so he put his left chopsticks
Philosopher-1 took his left chopsticks
Philosopher-1 took his right chopsticks
    Philosopher-1 put his left chopsticks
    Philosopher-1 put his right chopsticks
muktadul@muktadul-Inspiron-15-3567:~/Documents/OS$
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