

Output:

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• [samneet@csslab1 Program3A]$ g++ -lpthread philosopher.cpp
• [samneet@csslab1 Program3A]$ ./a.out 1
philosopher[0] picked up chopsticks
philosopher[0] put down chopsticks
philosopher[0] picked up chopsticks
philosopher[0] put down chopsticks
philosopher[0] picked up chopsticks
philosopher[0] put down chopsticks
philosopher[1] picked up chopsticks
philosopher[1] put down chopsticks
philosopher[1] picked up chopsticks
philosopher[1] put down chopsticks
philosopher[1] picked up chopsticks
philosopher[1] put down chopsticks
philosopher[2] picked up chopsticks
philosopher[2] put down chopsticks
philosopher[2] picked up chopsticks
philosopher[2] put down chopsticks
philosopher[2] picked up chopsticks
philosopher[2] put down chopsticks
philosopher[4] picked up chopsticks
philosopher[4] put down chopsticks
philosopher[4] picked up chopsticks
philosopher[4] put down chopsticks
philosopher[4] picked up chopsticks
philosopher[4] put down chopsticks
philosopher[3] picked up chopsticks
philosopher[3] put down chopsticks
philosopher[3] picked up chopsticks
philosopher[3] put down chopsticks
philosopher[3] picked up chopsticks
philosopher[3] put down chopsticks
time = 15004023
• [samneet@csslab1 Program3A]$ ./a.out 2
philosopher[0] picked up chopsticks
philosopher[2] picked up chopsticks
philosopher[0] put down chopsticks
philosopher[4] picked up chopsticks
philosopher[2] put down chopsticks
philosopher[1] picked up chopsticks
philosopher[4] put down chopsticks
philosopher[1] put down chopsticks
philosopher[3] picked up chopsticks
philosopher[0] picked up chopsticks
philosopher[3] put down chopsticks
philosopher[0] put down chopsticks
philosopher[2] picked up chopsticks
philosopher[4] picked up chopsticks
philosopher[2] put down chopsticks
philosopher[1] picked up chopsticks
philosopher[4] put down chopsticks
philosopher[3] picked up chopsticks
philosopher[1] put down chopsticks
philosopher[3] put down chopsticks
philosopher[0] picked up chopsticks
philosopher[2] picked up chopsticks
philosopher[0] put down chopsticks
philosopher[4] picked up chopsticks
philosopher[2] put down chopsticks
philosopher[1] picked up chopsticks
philosopher[4] put down chopsticks
philosopher[3] picked up chopsticks
philosopher[1] put down chopsticks
philosopher[3] put down chopsticks
time = 8002333
```