

LAB-06

Q1 Output:

```
Fork 1 taken by Philosopher 1
Fork 2 taken by Philosopher 2
Fork 3 taken by Philosopher 3
Philosopher 4 is waiting for fork 3

Till now number of philosophers completed dinner: 0

Fork 4 taken by Philosopher 1
Philosopher 2 is waiting for fork 1
Philosopher 3 is waiting for fork 2
Philosopher 4 is waiting for fork 3

Till now number of philosophers completed dinner: 0

Philosopher 1 completed his dinner
Philosopher 1 released fork 1 and fork 4
Fork 1 taken by Philosopher 2
Philosopher 3 is waiting for fork 2
Philosopher 4 is waiting for fork 3

Till now number of philosophers completed dinner: 1

Philosopher 1 completed his dinner
Philosopher 2 completed his dinner
Philosopher 2 released fork 2 and fork 1
Fork 2 taken by Philosopher 3
Philosopher 4 is waiting for fork 3

Till now number of philosophers completed dinner: 2
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```
Philosopher 1 completed his dinner
Philosopher 2 completed his dinner
Philosopher 3 completed his dinner
Philosopher 3 released fork 3 and fork 2
Fork 3 taken by Philosopher 4

Till now number of philosophers completed dinner: 3

Philosopher 1 completed his dinner
Philosopher 2 completed his dinner
Philosopher 3 completed his dinner
Fork 4 taken by Philosopher 4

Till now number of philosophers completed dinner: 3

Philosopher 1 completed his dinner
Philosopher 2 completed his dinner
Philosopher 3 completed his dinner
Philosopher 4 completed his dinner
Philosopher 4 released fork 4 and fork 3

Till now number of philosophers completed dinner: 4

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Process exited after 0.04736 seconds with return value 0
Press any key to continue . . .
```