

```
N = 2:
Simulation started
Init...
Process 0 initied
Process 1 initied
Process 1 tries to enter critical section
Process 1 is sending a broadcast
Process 0: Message queued
Process 0 tries to enter critical section
Process 0 is sending a broadcast
```

```
N = 4:
Simulation started
Init...
Process 0 initied
Process 1 initied
Process 2 initied
Process 3 initied
Process 2 tries to enter critical section
Process 2 is sending a broadcast
Process 3: Message queued
Process 3: Message queued
Process 3 tries to enter critical section
Process 3 is sending a broadcast
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 1 tries to enter critical section
Process 1 is sending a broadcast
Process 2: Message send to 1
Process 2: Message send to 1
Process 0 tries to enter critical section
Process 0 is sending a broadcast
Process 1: Message queued
Process 1: Message queued
```

[illegible]



```
Process 4: Message queued
Process 4: Message queued
Process 4: Message queued
Process 4: Message queued
Process 6 tries to enter critical section
Process 6 is sending a broadcast
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 7: Message queued
Process 10 tries to enter critical section
Process 10 is sending a broadcast
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 11: Message queued
Process 12 tries to enter critical section
Process 12 is sending a broadcast
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 13: Message queued
Process 7 tries to enter critical section
Process 7 is sending a broadcast
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 8: Message queued
Process 9 tries to enter critical section
Process 9 is sending a broadcast
Process 10: Message send to 9
Process 10: Message send to 9
```



```
Process 6: Message send to 5
Process 6: Message send to 5
Process 6: Message send to 5
Process 6: Message send to 5
Process 15 tries to enter critical section
Process 15 is sending a broadcast
Process 0: Message send to 15
Process 0: Message send to 15
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 0: Message queued
Process 2 tries to enter critical section
Process 2 is sending a broadcast
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 3: Message send to 2
Process 1 tries to enter critical section
Process 1 is sending a broadcast
Process 2: Message send to 1
Process 2: Message send to 1
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 2: Message queued
Process 4 tries to enter critical section
Process 4 is sending a broadcast
Process 5: Message send to 4
Process 5: Message send to 4
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 5: Message queued
Process 11 tries to enter critical section
Process 11 is sending a broadcast
Process 12: Message send to 11
```

[illegible]