```
Enter the number of Producers:2
Enter the number of Consumers:3
Enter buffer capacity:3
Successfully created producer 1
Successfully created producer 2
Successfully created consumer 1
Successfully created consumer 2
Successfully created consumer 3
Producer 1 produced 46
Buffer:46
Consumer 2 consumed 46
Current buffer len: 0
Producer 1 produced 8
Buffer:8
Consumer 2 consumed 8
Current buffer len: 0
Producer 1 produced 28
Buffer:28
Consumer 2 consumed 28
Current buffer len: 0
Producer 1 produced 21
Buffer:21
Consumer 2 consumed 21
Current buffer len: 0
Producer 1 produced 41
Buffer:41
Consumer 2 consumed 41
Current buffer len: 0
Producer 1 produced 22
Buffer:22
```

```
Consumer 2 consumed 22
Current buffer len: 0
Producer 1 produced 39
Buffer:39
Consumer 2 consumed 39
Current buffer len: 0
Producer 1 produced 30
Buffer:30
Consumer 2 consumed 30
Current buffer len: 0
Producer 1 produced 27
Buffer:27
Consumer 2 consumed 27
Current buffer len: 0
Producer 1 produced 37
Buffer:37
Consumer 2 consumed 37
Current buffer len: 0

Process returned 0 (0x0)    execution time : 29.478 s
Press any key to continue.
```

```
Philosopher 1 is thinking
Philosopher 2 is thinking
Philosopher 3 is thinking
Philosopher 4 is thinking
Philosopher 5 is thinking
Philosopher 5 is Hungry
Philosopher 4 is Hungry
Philosopher 3 is Hungry
Philosopher 2 is Hungry
Philosopher 1 is Hungry
Philosopher 1 takes chopstick 5 and 1
Philosopher 1 is Eating
Philosopher 1 putting chopstick 5 and 1 down
Philosopher 1 is thinking
Philosopher 5 takes chopstick 4 and 5
Philosopher 5 is Eating
Philosopher 2 takes chopstick 1 and 2
Philosopher 2 is Eating
Philosopher 1 is Hungry
Philosopher 5 putting chopstick 4 and 5 down
Philosopher 5 is thinking
Philosopher 4 takes chopstick 3 and 4
Philosopher 4 is Eating
Philosopher 2 putting chopstick 1 and 2 down
Philosopher 2 is thinking
Philosopher 1 takes chopstick 5 and 1
Philosopher 1 is Eating
Philosopher 2 is Hungry
Philosopher 5 is Hungry
Philosopher 4 putting chopstick 3 and 4 down
```