

```
PS D:\Ayush\College\Sem
V\LAB\SPOSL\SPOS_Ayush_Codes\Synchronization_Problems> python
Dinning_Philospher_Problem.py
Enter the no. of philosophers : 5
```

```
Philosopher 0 is eating.
Philosopher 0 is waiting.
Philosopher 1 is waiting.
Philosopher 1 is eating.
Philosopher 1 is waiting.
Philosopher 1 is eating.
Philosopher 2 is waiting.
Philosopher 1 is waiting.Philosopher 0 is eating.
Philosopher 2 is eating.Philosopher 0 is waiting.
Philosopher 0 is eating.
Philosopher 0 is waiting.Philosopher 3 is waiting.
Philosopher 0 is eating.Philosopher 4 is waiting.
```

```
Philosopher 2 is waiting.
Philosopher 3 is eating.
```

```
Philosopher 0 is waiting.
Philosopher 1 is eating.Philosopher 3 is waiting.
```

```
Philosopher 1 is waiting.
Philosopher 0 is eating.Philosopher 2 is eating.
Philosopher 0 is waiting.
```

```
Philosopher 2 is waiting.
Philosopher 3 is eating.Philosopher 0 is eating.
Philosopher 0 is waiting.
```

```
Philosopher 3 is waiting.
Philosopher 2 is eating.
Philosopher 2 is waiting.
Philosopher 2 is eating.Philosopher 4 is eating.
```

```
Philosopher 2 is waiting.
Philosopher 4 is waiting.Philosopher 0 is eating.Philosopher 3 is eating.
```

```
Philosopher 4 is eating.
Philosopher 4 is waiting.
Philosopher 1 is waiting.Philosopher 0 is eating.Philosopher 2 is eating.
```

Philosopher 2 is waiting.Philosopher 3 is eating.

Philosopher 0 is waiting.

Philosopher 3 is waiting.

Philosopher 4 is eating.

Philosopher 4 is waiting.