CSE321 Section-11
Lab Assignment-04
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Task-1

Task 2

Terminal

```
compilation terminated.
hp@gang:~$ gcc -o Assignment4_Task2 Assignment4_task2.c -pthread
hp@gang:~$ ./Assignment4_Task2
Farmer 0: Insert crops R at 0
Farmer 3: Insert crops S at 3
Farmer 4: Insert crops M at 4
Farmer 2: Insert crops P at 2
Shop Owner 0: Remove crops R from 0
Farmer 1: Insert crops W at 1
Shop Owner 1: Remove crops W from 1
Shop Owner 2: Remove crops P from 2
Shop Owner 3: Remove crops S from 3
Shop Owner 4: Remove crops M from 4
Farmer 3: Insert crops S at 3
Farmer 2: Insert crops P at 2
Farmer 4: Insert crops M at 4
Shop Owner 0: Remove crops N from 0
Shop Owner 1: Remove crops N from 1
Shop Owner 2: Remove crops P from 2
Farmer 0: Insert crops R at 0
Farmer 1: Insert crops W at 1
Shop Owner 3: Remove crops S from 3
Shop Owner 4: Remove crops M from 4
Farmer 1: Insert crops W at 1
Farmer 0: Insert crops R at 0
Farmer 3: Insert crops S at 3
Farmer 2: Insert crops P at 2
Farmer 4: Insert crops M at 4
Shop Owner 2: Remove crops P from 2
Shop Owner 1: Remove crops W from 1
Shop Owner 4: Remove crops M from 4
Shop Owner 3: Remove crops S from 3
```

Terminal

```
Shop Owner 4: Remove crops M from 4
Farmer 1: Insert crops W at 1
Farmer 0: Insert crops R at 0
Farmer 3: Insert crops S at 3
Farmer 2: Insert crops P at 2
Farmer 4: Insert crops M at 4
Shop Owner 2: Remove crops P from 2
Shop Owner 1: Remove crops W from 1
Shop Owner 4: Remove crops M from 4
Shop Owner 3: Remove crops S from 3
Shop Owner 0: Remove crops R from 0
Farmer 2: Insert crops P at 2
Shop Owner 4: Remove crops N from 4
Farmer 0: Insert crops R at 0
Farmer 1: Insert crops W at 1
Shop Owner 1: Remove crops W from 1
Farmer 4: Insert crops M at 4
Shop Owner 3: Remove crops N from 3
Shop Owner 0: Remove crops R from 0
Farmer 3: Insert crops S at 3
Shop Owner 2: Remove crops P from 2
Farmer 2: Insert crops P at 2
Shop Owner 4: Remove crops M from 4
Farmer 0: Insert crops R at 0
Shop Owner 1: Remove crops N from 1
Farmer 1: Insert crops W at 1
Shop Owner 3: Remove crops S from 3
Farmer 4: Insert crops M at 4
Shop Owner 0: Remove crops R from 0
Farmer 3: Insert crops S at 3
Shop Owner 2: Remove crops P from 2
hp@gang:~$
```