

2022.1 Multicore Computing, Project #2

[Problem 1] -> Exemple 1:

```
→ prob1 java ParkingBlockingQueue
Car 5: trying to enter
Car 5: just entered
Car 8: trying to enter
Car 8: just entered
Car 4: trying to enter
Car 4: just entered
Car 1: trying to enter
Car 1: just entered
Car 3: trying to enter
Car 3: just entered
Car 10: trying to enter
Car 10: just entered
Car 2: trying to enter
Car 2: just entered
Car 4:          about to leave
Car 4:          have been left
Car 9: trying to enter
Car 9: just entered
Car 7: trying to enter
Car 6: trying to enter
Car 4: trying to enter
Car 3:          about to leave
Car 3:          have been left
Car 7: just entered
Car 10:          about to leave
Car 10:          have been left
Car 6: just entered
Car 10: trying to enter
Car 1:          about to leave
Car 1:          have been left
Car 4: just entered
Car 9:          about to leave
Car 9:          have been left
Car 10: just entered
Car 8:          about to leave
Car 8:          have been left
Car 7:          about to leave
Car 7:          have been left
Car 9: trying to enter
Car 9: just entered
Car 5:          about to leave
Car 5:          have been left
Car 3: trying to enter
Car 3: just entered
Car 10:          about to leave
Car 10:          have been left
Car 8: trying to enter
Car 8: just entered
Car 5: trying to enter
Car 5: just entered
Car 7: trying to enter
Car 1: trying to enter
Car 5:          about to leave
Car 5:          have been left
Car 1: just entered
```

-> Exemple 2:

```
→ prob1 java ParkingBlockingQueue
Car 4: trying to enter
Car 4: just entered
Car 10: trying to enter
Car 10: just entered
Car 8: trying to enter
Car 8: just entered
Car 4:
Car 4:          about to leave
                have been left
Car 7: trying to enter
Car 7: just entered
Car 5: trying to enter
Car 5: just entered
Car 1: trying to enter
Car 1: just entered
Car 9: trying to enter
Car 9: just entered
Car 6: trying to enter
Car 6: just entered
Car 2: trying to enter
Car 3: trying to enter
Car 4: trying to enter
Car 6:
Car 6:          about to leave
                have been left
Car 3: just entered
Car 6: trying to enter
Car 3:
Car 3:          about to leave
                have been left
Car 4: just entered
Car 10:
Car 10:          about to leave
                have been left
Car 6: just entered
Car 6:
Car 6:          about to leave
                have been left
Car 2: just entered
Car 10: trying to enter
Car 6: trying to enter
Car 1:
Car 1:          about to leave
                have been left
Car 6: just entered
Car 8:
Car 8:          about to leave
                have been left
Car 10: just entered
Car 3: trying to enter
Car 10:
Car 10:          about to leave
                have been left
Car 3: just entered
Car 5:
Car 5:          about to leave
                have been left
Car 1: trying to enter
Car 1: just entered
Car 8: trying to enter
Car 9:
Car 9:          about to leave
                have been left
Car 8: just entered
```