

## 2022.1 Multicore Computing, Project #2

[Problem 2] -> Exemple 1:

```
→ prob2 javac ParkingSephamore.java
→ prob2 java ParkingSephamore
Car 4: trying to enter
Car 4: just entered
Car 5: trying to enter
Car 5: just entered
Car 3: trying to enter
Car 3: just entered
Car 7: trying to enter
Car 7: just entered
Car 1: trying to enter
Car 1: just entered
Car 9: trying to enter
Car 9: just entered
Car 8: trying to enter
Car 8: just entered
Car 4:
about to leave
have been left
Car 4:
Car 6: trying to enter
Car 6: just entered
Car 10: trying to enter
Car 2: trying to enter
Car 4: trying to enter
Car 7:
about to leave
have been left
Car 7:
Car 10: just entered
Car 1:
about to leave
have been left
Car 1:
Car 2: just entered
Car 5:
about to leave
have been left
Car 5:
Car 4: just entered
Car 6:
about to leave
have been left
Car 6:
about to leave
have been left
Car 8:
about to leave
have been left
Car 8:
Car 1: trying to enter
Car 1: just entered
Car 9:
about to leave
have been left
Car 9:
about to leave
have been left
Car 10:
about to leave
have been left
Car 10:
about to leave
have been left
Car 3:
about to leave
have been left
Car 3:
Car 3: trying to enter
Car 3: just entered
Car 7: trying to enter
Car 7: just entered
Car 6: trying to enter
Car 6: just entered
Car 4:
about to leave
have been left
Car 4:
Car 8: trying to enter
Car 8: just entered
Car 9: trying to enter
Car 9: just entered
```

-> Exemple 2:

```
→ prob2 java ParkingSemaphore
Car 6: trying to enter
Car 6: just entered
Car 5: trying to enter
Car 5: just entered
Car 8: trying to enter
Car 8: just entered
Car 10: trying to enter
Car 10: just entered
Car 1: trying to enter
Car 1: just entered
Car 3: trying to enter
Car 3: just entered
Car 9: trying to enter
Car 9: just entered
Car 3:
about to leave
Car 3:
have been left
Car 10:
about to leave
Car 10:
have been left
Car 7: trying to enter
Car 7: just entered
Car 6:
about to leave
Car 6:
have been left
Car 10: trying to enter
Car 10: just entered
Car 2: trying to enter
Car 2: just entered
Car 4: trying to enter
Car 10:
about to leave
Car 10:
have been left
Car 4: just entered
Car 2:
about to leave
Car 2:
have been left
Car 3: trying to enter
Car 3: just entered
Car 5:
about to leave
Car 5:
have been left
Car 8:
about to leave
Car 8:
have been left
Car 7:
about to leave
Car 7:
have been left
Car 4:
about to leave
Car 4:
have been left
Car 6: trying to enter
Car 6: just entered
Car 4: trying to enter
Car 4: just entered
Car 8: trying to enter
Car 8: just entered
Car 10: trying to enter
Car 10: just entered
Car 2: trying to enter
Car 5: trying to enter
Car 7: trying to enter
Car 6:
about to leave
Car 6:
have been left
```