

2022.1 Multicore Computing, Project #2

Problem 1

ParkingBlockingQueue

Result Document

소프트웨어학부

20176342 송민준

(i) Result

Result example 1

PS C:\Users\Waw\multicore> java proj2/prob1/ParkingBlockingQueue

Car 10: trying to enter, current places=7

[Car 10]

Car 10: just entered, current places=6

Car 2: trying to enter, current places=6

[Car 10, Car 2]

Car 2: just entered, current places=5

Car 5: trying to enter, current places=5

[Car 10, Car 2, Car 5]

Car 5: just entered, current places=4

Car 6: trying to enter, current places=4

[Car 10, Car 2, Car 5, Car 6]

Car 6: just entered, current places=3

Car 8: trying to enter, current places=3

[Car 10, Car 2, Car 5, Car 6, Car 8]

Car 8: just entered, current places=2

Car 3: trying to enter, current places=2

[Car 10, Car 2, Car 5, Car 6, Car 8, Car 3]

Car 3: just entered, current places=1

Car 4: trying to enter, current places=1

[Car 10, Car 2, Car 5, Car 6, Car 8, Car 3, Car 4]

Car 4: just entered, current places=0

Car 7: trying to enter, current places=0

Car 9: trying to enter, current places=0

Car 5: about to leave, current places=0

[Car 2, Car 5, Car 6, Car 8, Car 3, Car 4, Car 7]

Car 7: just entered, current places=0

Car 5: have been left, current places=1

Car 1: trying to enter, current places=0

Car 10: about to leave, current places=0

Car 10: have been left, current places=1

[Car 5, Car 6, Car 8, Car 3, Car 4, Car 7, Car 9]

Car 9: just entered, current places=0

Car 9: about to leave, current places=0

Car 9: have been left, current places=1

[Car 6, Car 8, Car 3, Car 4, Car 7, Car 9, Car 1]

Car 1: just entered, current places=0

Car 7: about to leave, current places=0

Car 7: have been left, current places=1

Car 4: about to leave, current places=1

Car 4: have been left, current places=2

Car 9: trying to enter, current places=2

[Car 3, Car 4, Car 7, Car 9, Car 1, Car 9]

Car 9: just entered, current places=1

Car 7: trying to enter, current places=1

[Car 3, Car 4, Car 7, Car 9, Car 1, Car 9, Car 7]

Result example 2

```
PS C:\Users\wawmulticore> java proj2/prob1/ParkingBlockingQueue
```

Car 7: trying to enter, current places=7

[Car 7]

Car 7: just entered, current places=6

Car 6: trying to enter, current places=6

[Car 7, Car 6]

Car 6: just entered, current places=5

Car 4: trying to enter, current places=5

[Car 7, Car 6, Car 4]

Car 4: just entered, current places=4

Car 5: trying to enter, current places=4

[Car 7, Car 6, Car 4, Car 5]

Car 5: just entered, current places=3

Car 7: about to leave, current places=3

Car 7: have been left, current places=4

Car 7: trying to enter, current places=4

[Car 6, Car 4, Car 5, Car 7]

Car 7: just entered, current places=3

Car 1: trying to enter, current places=3

[Car 6, Car 4, Car 5, Car 7, Car 1]

Car 1: just entered, current places=2

Car 3: trying to enter, current places=2

[Car 6, Car 4, Car 5, Car 7, Car 1, Car 3]

Car 3: just entered, current places=1

Car 2: trying to enter, current places=1

[Car 6, Car 4, Car 5, Car 7, Car 1, Car 3, Car 2]

Car 2: just entered, current places=0

Car 6: about to leave, current places=0

Car 6: have been left, current places=1

Car 8: trying to enter, current places=1

[Car 4, Car 5, Car 7, Car 1, Car 3, Car 2, Car 8]

Car 8: just entered, current places=0

Car 10: trying to enter, current places=0

Car 9: trying to enter, current places=0

Car 6: trying to enter, current places=0

Car 7: about to leave, current places=0

Car 7: have been left, current places=1

[Car 5, Car 7, Car 1, Car 3, Car 2, Car 8, Car 10]

Car 10: just entered, current places=0

Car 5: about to leave, current places=0

Car 5: have been left, current places=1

[Car 7, Car 1, Car 3, Car 2, Car 8, Car 10, Car 9]

Car 9: just entered, current places=0