2022.1 Multicore Computing, Project #2

Problem 2

ParkingSemaphore

Result Document

소프트웨어학부

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(i) Result

Result example 1

PS C:₩Users₩a₩multicore> java proj2/prob2/ParkingSemaphore

Car 10: trying to enter, current places=7

Car 10: just entered, current places=6

Car 1: trying to enter, current places=6

Car 1: just entered, current places=5

Car 7: trying to enter, current places=5

Car 7: just entered, current places=4

Car 8: trying to enter, current places=4

Car 8: just entered, current places=3

Car 3: trying to enter, current places=3

Car 3: just entered, current places=2

Car 3: about to leave, current places=2

Car 3: have been left, current places=3

Car 9: trying to enter, current places=3

Car 9: just entered, current places=2

Car 2: trying to enter, current places=2

Car 2: just entered, current places=1

Car 6: trying to enter, current places=1

Car 6: just entered, current places=0

Car 4: trying to enter, current places=0

Car 10: about to leave, current places=0

Car 10: have been left, current places=1

Car 4: just entered, current places=0

Car 5: trying to enter, current places=0

Car 3: trying to enter, current places=0

Car 8: about to leave, current places=0

Car 8: have been left, current places=1

Car 5: just entered, current places=0

Car 10: trying to enter, current places=0

Car 5: about to leave, current places=0

Car 5: have been left, current places=1

Car 3: just entered, current places=0

Car 2: about to leave, current places=0

Car 2: have been left, current places=1

Car 10: just entered, current places=0

Car 5: trying to enter, current places=0

Car 4: about to leave, current places=0

Car 4: have been left, current places=1

Car 5: just entered, current places=0

Car 2: trying to enter, current places=0

Car 4: trying to enter, current places=0

Result example 2

PS C:₩Users₩a₩multicore> java proj2/prob2/ParkingSemaphore

Car 3: trying to enter, current places=7

Car 3: just entered, current places=6

Car 4: trying to enter, current places=6

Car 4: just entered, current places=5

Car 7: trying to enter, current places=5

Car 7: just entered, current places=4

Car 3: about to leave, current places=4

Car 3: have been left, current places=5

Car 8: trying to enter, current places=5

Car 8: just entered, current places=4

Car 5: trying to enter, current places=4

Car 5: just entered, current places=3

Car 9: trying to enter, current places=3

Car 9: just entered, current places=2

Car 10: trying to enter, current places=2

Car 10: just entered, current places=1

Car 6: trying to enter, current places=1

Car 6: just entered, current places=0

Car 3: trying to enter, current places=0

Car 2: trying to enter, current places=0

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 3: just entered, current places=0

Car 6: about to leave, current places=0

Car 6: have been left, current places=1

Car 2: just entered, current places=0

Car 8: about to leave, current places=0

Car 1: just entered, current places=0

Car 8: have been left, current places=1

Car 5: about to leave, current places=0

Car 5: have been left, current places=1

Car 7: about to leave, current places=1

Car 7: have been left, current places=2

Car 8: trying to enter, current places=2

Car 8: just entered, current places=1