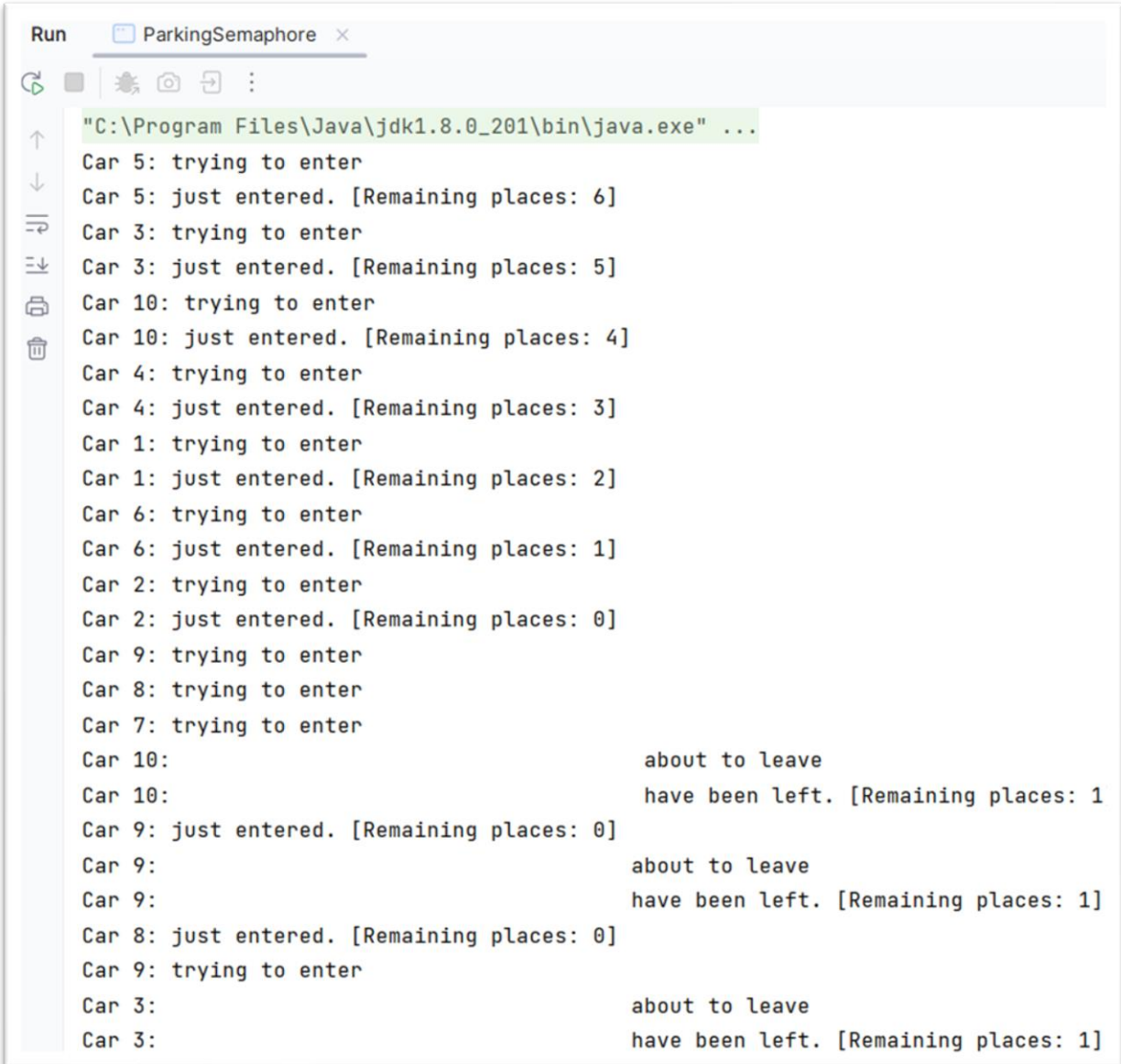


Output example1



```
Run  ParkingSemaphore x
"C:\Program Files\Java\jdk1.8.0_201\bin\java.exe" ...
Car 5: trying to enter
Car 5: just entered. [Remaining places: 6]
Car 3: trying to enter
Car 3: just entered. [Remaining places: 5]
Car 10: trying to enter
Car 10: just entered. [Remaining places: 4]
Car 4: trying to enter
Car 4: just entered. [Remaining places: 3]
Car 1: trying to enter
Car 1: just entered. [Remaining places: 2]
Car 6: trying to enter
Car 6: just entered. [Remaining places: 1]
Car 2: trying to enter
Car 2: just entered. [Remaining places: 0]
Car 9: trying to enter
Car 8: trying to enter
Car 7: trying to enter
Car 10:          about to leave
Car 10:          have been left. [Remaining places: 1]
Car 9: just entered. [Remaining places: 0]
Car 9:          about to leave
Car 9:          have been left. [Remaining places: 1]
Car 8: just entered. [Remaining places: 0]
Car 9: trying to enter
Car 3:          about to leave
Car 3:          have been left. [Remaining places: 1]
```

Run ParkingSemaphore x

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Car 9: just entered. [Remaining places: 0]

Car 10: trying to enter

Car 6: about to leave

Car 6: have been left. [Remaining places: 1]

Car 3: just entered. [Remaining places: 0]

Car 8: about to leave

Car 8: have been left. [Remaining places: 1]

Car 10: just entered. [Remaining places: 0]

Car 6: trying to enter

Car 4: about to leave

Car 4: have been left. [Remaining places: 1]

Car 6: just entered. [Remaining places: 0]

Car 3: about to leave

Car 3: have been left. [Remaining places: 1]

Car 8: trying to enter

Car 8: just entered. [Remaining places: 0]

Car 2: about to leave

Car 2: have been left. [Remaining places: 1]

Output example2

```
Run  ParkingSemaphore x
"C:\Program Files\Java\jdk1.8.0_201\bin\java.exe" ...
Car 1: trying to enter
Car 1: just entered. [Remaining places: 6]
Car 9: trying to enter
Car 9: just entered. [Remaining places: 5]
Car 4: trying to enter
Car 4: just entered. [Remaining places: 4]
Car 5: trying to enter
Car 5: just entered. [Remaining places: 3]
Car 3: trying to enter
Car 3: just entered. [Remaining places: 2]
Car 2: trying to enter
Car 2: just entered. [Remaining places: 1]
Car 8: trying to enter
Car 8: just entered. [Remaining places: 0]
Car 10: trying to enter
Car 7: trying to enter
Car 6: trying to enter
Car 1:          about to leave
Car 1:          have been left. [Remaining places: 1]
Car 10: just entered. [Remaining places: 0]
Car 9:          about to leave
Car 9:          have been left. [Remaining places: 1]
Car 7: just entered. [Remaining places: 0]
Car 4:          about to leave
Car 4:          have been left. [Remaining places: 1]
```

Run ParkingSemaphore x

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Car 7: just entered. [Remaining places: 0]

Car 4: about to leave

Car 4: have been left. [Remaining places: 1]

Car 6: just entered. [Remaining places: 0]

Car 4: trying to enter

Car 1: trying to enter

Car 3: about to leave

Car 3: have been left. [Remaining places: 1]

Car 4: just entered. [Remaining places: 0]

Car 4: about to leave

Car 4: have been left. [Remaining places: 1]

Car 1: just entered. [Remaining places: 0]

Car 10: about to leave

Car 10: have been left. [Remaining places: 1]

Car 2: about to leave

Car 2: have been left. [Remaining places: 2]

Car 5: about to leave

Car 5: have been left. [Remaining places: 3]

Car 9: trying to enter

Car 9: just entered. [Remaining places: 2]

Car 3: trying to enter

Car 3: iust entered. [Remaining places: 1]