سپهر مقیسه

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گزارش ۷

الگوریتم بانکداران:

در این برنامه بردار `available` در ابتدای کار توسط آرگومان‌های برنامه گرفته می‌شود و ماتریس `maximum` از فایل `max.txt` که در دایرکتوری برنامه موجود است خوانده می‌شود. نمونه خروجی برنامه با دستورات زیر را در شکل (۱) می‌بینیم:

```
make banker
./banker.out 5 6 6 5 5 6 6
```

```
Customer 2 Releases [0 0 0 0 0 0 0]
Customer 5 Releases [0 0 0 0 0 0 0]
Customer 4 Requests [1 0 0 0 0 3 0] -> accepted
Customer 4 Requests [1 0 1 1 0 0 1] -> not accepted
Customer 4 Releases [0 0 0 0 0 1 0]
Customer 4 Releases [0 0 0 0 0 2 0]
Customer 4 Requests [2 1 1 0 3 4 1] -> not accepted
Customer 4 Releases [1 0 0 0 0 0 0]
Customer 4 Requests [0 0 2 0 0 1 1] -> accepted
Customer 4 Releases [0 0 1 0 0 0 1]
Customer 4 Releases [0 0 0 0 0 0 0]
Customer 5 Releases [0 0 0 0 0 0 0]
Customer 5 Releases [0 0 0 0 0 0 0]
Customer 5 Requests [1 2 0 0 0 0 0] -> accepted
Customer 7 Releases [0 0 0 0 0 0 4]
Customer 5 Requests [0 3 0 0 0 0 0] -> not accepted
Customer 7 Releases [0 0 0 0 0 0 0]
Customer 5 Requests [0 0 0 0 0 0 0] -> accepted
Customer 6 Requests [0 0 0 0 0 0 0] -> accepted
Customer 6 Releases [0 0 0 0 0 0 0]
Customer 6 Requests [0 0 0 0 0 0 0] -> accepted
Customer 6 Releases [0 0 0 0 0 0 0]
Customer 6 Releases [0 0 0 0 0 0 0]
Customer 6 Releases [0 0 0 0 0 0 0]
Customer 5 Releases [1 0 0 0 0 0 0]
Customer 5 Releases [0 2 0 0 0 0 0]
Customer 5 Requests [1 1 0 0 0 0 0] -> accepted
Customer 5 Releases [0 1 0 0 0 0 0]
sepehr@ubuntu:~/Desktop/lab7$
```