

```
1 "C:\Program Files\Java\jdk1.8.0_131\bin\java" -
  agentlib:jdwp=transport=dt_socket,address=127.0.0
  .1:52879,suspend=y,server=n -Dfile.encoding=UTF-8
  -classpath "C:\Program Files\Java\jdk1.8.0_131\
  jre\lib\charsets.jar;C:\Program Files\Java\jdk1.8
  .0_131\jre\lib\deploy.jar;C:\Program Files\Java\
  jdk1.8.0_131\jre\lib\ext\access-bridge-64.jar;C:\
  Program Files\Java\jdk1.8.0_131\jre\lib\ext\
  cldrdata.jar;C:\Program Files\Java\jdk1.8.0_131\
  jre\lib\ext\dnsns.jar;C:\Program Files\Java\jdk1.
  8.0_131\jre\lib\ext\jaccess.jar;C:\Program Files\
  Java\jdk1.8.0_131\jre\lib\ext\jfxrt.jar;C:\
  Program Files\Java\jdk1.8.0_131\jre\lib\ext\
  localedata.jar;C:\Program Files\Java\jdk1.8.0_131
  \jre\lib\ext\nashorn.jar;C:\Program Files\Java\
  jdk1.8.0_131\jre\lib\ext\sunec.jar;C:\Program
  Files\Java\jdk1.8.0_131\jre\lib\ext\
  sunjce_provider.jar;C:\Program Files\Java\jdk1.8.
  0_131\jre\lib\ext\sunmscapi.jar;C:\Program Files\
  Java\jdk1.8.0_131\jre\lib\ext\sunpkcs11.jar;C:\
  Program Files\Java\jdk1.8.0_131\jre\lib\ext\zipfs
  .jar;C:\Program Files\Java\jdk1.8.0_131\jre\lib\
  javaws.jar;C:\Program Files\Java\jdk1.8.0_131\jre
  \lib\jce.jar;C:\Program Files\Java\jdk1.8.0_131\
  jre\lib\jfr.jar;C:\Program Files\Java\jdk1.8.
  0_131\jre\lib\jfxswt.jar;C:\Program Files\Java\
  jdk1.8.0_131\jre\lib\jsse.jar;C:\Program Files\
  Java\jdk1.8.0_131\jre\lib\management-agent.jar;C
  :\Program Files\Java\jdk1.8.0_131\jre\lib\plugin.
  jar;C:\Program Files\Java\jdk1.8.0_131\jre\lib\
  resources.jar;C:\Program Files\Java\jdk1.8.0_131\
  jre\lib\rt.jar;C:\Users\Kojo\Projects\assignments
  \CSCI 3431 Operating Systems\Assignment 4\Banker'
  s Algorithm\out\production\Banker's Algorithm;C:\
  Users\Kojo\AppData\Local\JetBrains\Toolbox\apps\
  IDEA-C\ch-0\172.4574.11\lib\idea_rt.jar"
  TestHarness src/infile.txt 10 5 7
2 Connected to the target VM, address: '127.0.0.1:
  52879', transport: 'socket'
3 RQ 0 1 1 1
```

```

4 *1*
5 *1*
6 *1*
7 Customer #0 is requesting 1 1 1 Available = 10 5
  7
8 Approved
9 *
10 Available = 9 4 6
11 Customer      A  B  C      A  B  C      A  B  C
12   P0          1  1  1      7  5  3      6  4  2
13   P1          0  0  0      3  2  2      3  2  2
14   P2          0  0  0      9  0  2      9  0  2
15   P3          0  0  0      2  2  2      2  2  2
16   P4          0  0  0      4  3  3      4  3  3
17
18 Matrix order: Allocated      Maximum      Need
19 RQ 4 4 3 3
20 *4*
21 *3*
22 *3*
23 Customer #4 is requesting 4 3 3 Available = 9 4 6

24 Approved
25 *
26 Available = 5 1 3
27 Customer      A  B  C      A  B  C      A  B  C
28   P0          1  1  1      7  5  3      6  4  2
29   P1          0  0  0      3  2  2      3  2  2
30   P2          0  0  0      9  0  2      9  0  2
31   P3          0  0  0      2  2  2      2  2  2
32   P4          4  3  3      4  3  3      0  0  0
33
34 Matrix order: Allocated      Maximum      Need
35 RQ 2 9 0 2
36 *9*
37 *0*
38 *2*
39 Customer #2 is requesting 9 0 2 Available = 5 1 3

40 Request exceeds those available. Please wait

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41 Denied
42 RL 4 4 3 3
43 *4*
44 *3*
45 *3*
46 Customer #4 is releasing 4 3 3
47 Allocated = 0 0 0
48 RQ 2 9 0 2
49 *9*
50 *0*
51 *2*
52 Customer #2 is requesting 9 0 2 Available = 9 4 6

53 Approved
54
```