```
1 "C:\Program Files\Java\jdk-20\bin\java.exe" -agentlib
   :jdwp=transport=dt_socket,address=127.0.0.1:32778,
   suspend=y,server=n -javaagent:C:\Users\yutto\AppData\
   Local\JetBrains\IdeaIC2023.2\captureAgent\debugger-
   agent.jar -Dfile.encoding=UTF-8 -Dsun.stdout.encoding
   =UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath "C:\
   Users\yutto\OneDrive\Documents\SFSU\Projects\
   Connect_Four_ML_java\out\production\C4ML;C:\Program
   Files\JetBrains\IntelliJ IDEA Community Edition 2023.
   2.1\lib\idea_rt.jar" Test.TestRuleBasedAI
 2 Connected to the target VM, address: '127.0.0.1:32778
   ', transport: 'socket'
 3 Processing a CSV line Game:1
 4 [P1L5W-1, P2L12W-1, P1L4W-1, P2L11W-1, P1L3W-1,
   P2L10W-1, P1L2W1]
 5 Processing a CSV line Game:2
 6 [P1L5W-1, P2L12W-1, P1L4W-1, P2L11W-1, P1L3W-1,
   P2L10W-1, P1L2W1]
 7 Processing a CSV line Game: 3
8 [P1L5W-1, P2L12W-1, P1L4W-1, P2L11W-1, P1L3W-1,
   P2L10W-1, P1L2W1]
 9 CSV imported successfully from: .\Data\connect4_log.
   CSV
10 -----
11 _ _ _ _ _
12 _ _ _ _ _
13 _ _
14 _ _
15 _ _
16 _ _ _ _
17 -----
18 player1: select between 1-7>>
19 Checking Rule 1
20 Checking Rule 1 col at: 0
21 AI found Available row at:5
22 Check horizontally
23 horizon count: 1 colum: 0
24 Check vertically
25 Check diagonally (top-left to bottom-right)
26 Check diagonally (top-right to bottom-left)
27 Checking Rule 1 col at: 1
```

```
28 AI found Available row at:5
29 Check horizontally
30 horizon count: 1 colum: 1
31 Check vertically
32 Check diagonally (top-left to bottom-right)
33 Check diagonally (top-right to bottom-left)
34 Checking Rule 1 col at: 2
35 AI found Available row at:5
36 Check horizontally
37 horizon count: 1 colum: 2
38 Check vertically
39 Check diagonally (top-left to bottom-right)
40 Check diagonally (top-right to bottom-left)
41 Checking Rule 1 col at: 3
42 AI found Available row at:5
43 Check horizontally
44 horizon count: 1 colum: 3
45 Check vertically
46 Check diagonally (top-left to bottom-right)
47 Check diagonally (top-right to bottom-left)
48 Checking Rule 1 col at: 4
49 AI found Available row at:5
50 Check horizontally
51 Check vertically
52 Check diagonally (top-left to bottom-right)
53 Check diagonally (top-right to bottom-left)
54 Checking Rule 1 col at: 5
55 AI found Available row at:5
56 Check horizontally
57 Check vertically
58 Check diagonally (top-left to bottom-right)
59 Check diagonally (top-right to bottom-left)
60 Checking Rule 1 col at: 6
61 AI found Available row at:5
62 Check horizontally
63 Check vertically
64 Check diagonally (top-left to bottom-right)
65 Check diagonally (top-right to bottom-left)
66 Checking Rule 2
67 Checking Rule 2 col at: 0
68 AI found Available row at:5
```

```
69 Check horizontally
 70 Check vertically
 71 Check diagonally (top-left to bottom-right)
 72 Check diagonally (top-right to bottom-left)
 73 Checking Rule 2 col at: 1
 74 AI found Available row at:5
 75 Check horizontally
 76 Check vertically
 77 Check diagonally (top-left to bottom-right)
 78 Check diagonally (top-right to bottom-left)
 79 Checking Rule 2 col at: 2
 80 AI found Available row at:5
 81 Check horizontally
 82 Check vertically
83 Check diagonally (top-left to bottom-right)
84 Check diagonally (top-right to bottom-left)
 85 Checking Rule 2 col at: 3
 86 AI found Available row at:5
 87 Check horizontally
 88 Check vertically
 89 Check diagonally (top-left to bottom-right)
 90 Check diagonally (top-right to bottom-left)
 91 Checking Rule 2 col at: 4
 92 AI found Available row at:5
 93 Check horizontally
 94 Check vertically
 95 Check diagonally (top-left to bottom-right)
 96 Check diagonally (top-right to bottom-left)
 97 Checking Rule 2 col at: 5
 98 AI found Available row at:5
 99 Check horizontally
100 Check vertically
101 Check diagonally (top-left to bottom-right)
102 Check diagonally (top-right to bottom-left)
103 Checking Rule 2 col at: 6
104 AI found Available row at:5
105 Check horizontally
106 Check vertically
107 Check diagonally (top-left to bottom-right)
108 Check diagonally (top-right to bottom-left)
109 Exception in thread "main" java.lang.
```

```
109 ArrayIndexOutOfBoundsException: Index 6 out of
    bounds for length 6
        at target.Board.getTile(Board.java:46)
110
        at target.RuleBasedAI.makeMove(RuleBasedAI.java:
111
    61)
        at Test.TestRuleBasedAI.main(TestRuleBasedAI.
112
    java:34)
113 Disconnected from the target VM, address: '127.0.0.1
    :32778', transport: 'socket'
114
115 Process finished with exit code 1
116
```