```
 1 "C:\Program Files\Eclipse Adoptium\jdk-17.0.5.8-
   hotspot\bin\java.exe" "-javaagent:C:\Program Files\
   JetBrains\IntelliJ IDEA Community Edition 2022.3.3\
   lib\idea_rt.jar=61839:C:\Program Files\JetBrains\
   IntelliJ IDEA Community Edition 2022.3.3\bin" -Dfile.
   encoding=UTF-8 -classpath "C:\Users\Alex\OneDrive -
   Worcester Polytechnic Institute (wpi.edu)\CS2223\Li-A
   -B23-HW6\Li-A-B23-HW6-NQUEENS\out\production\Li-A-B23
   -HW4-NQUEENS" Li_A_B23_HW6_AllSolutions
 2 This is an continuation of the HW6. This class counts
    all solutions to the n-Queens problem with a user-
   inputted n
 3
 4 Enter the value of n >= to 4(Please try the bonus
   points n as well): 15
 5 There are 2 solutions to the 4-Queens Problem.
 6 There are 10 solutions to the 5-Queens Problem.
 7 There are 4 solutions to the 6-Queens Problem.
 8 There are 40 solutions to the 7-Queens Problem.
 9 There are 92 solutions to the 8-Queens Problem.
10 There are 352 solutions to the 9-Queens Problem.
11 There are 724 solutions to the 10-Queens Problem.
12 There are 2680 solutions to the 11-Queens Problem.
13 There are 14200 solutions to the 12-Queens Problem.
14 There are 73712 solutions to the 13-Queens Problem.
15 There are 365596 solutions to the 14-Queens Problem.
16 There are 2279184 solutions to the 15-Queens Problem.
17
18 Process finished with exit code 0
19
```