

```
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=61373: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_FirstSolutions
2 By the Way, I am going for the Alternate Rubric.
  Thought i'll tell you to make grading easier.
3 This class Prints the first Lexicographical solution
  for each n along the way
4
5 Enter the value of n (n>=4),
6 Also, Please try the Bonus points n values of n = 32
  and n>= 36 as well: 32
7 First Lexicographical Solution for 4-Queens:
8 2 4 1 3
9
10 First Lexicographical Solution for 5-Queens:
11 1 3 5 2 4
12
13 First Lexicographical Solution for 6-Queens:
14 2 4 6 1 3 5
15
16 First Lexicographical Solution for 7-Queens:
17 1 3 5 7 2 4 6
18
19 First Lexicographical Solution for 8-Queens:
20 1 5 8 6 3 7 2 4
21
22 First Lexicographical Solution for 9-Queens:
23 1 3 6 8 2 4 9 7 5
24
25 First Lexicographical Solution for 10-Queens:
26 1 3 6 8 10 5 9 2 4 7
27
28 First Lexicographical Solution for 11-Queens:
29 1 3 5 7 9 11 2 4 6 8 10
30
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31 First Lexicographical Solution for 12-Queens:
32 1 3 5 8 10 12 6 11 2 7 9 4
33
34 First Lexicographical Solution for 13-Queens:
35 1 3 5 2 9 12 10 13 4 6 8 11 7
36
37 First Lexicographical Solution for 14-Queens:
38 1 3 5 7 12 10 13 4 14 9 2 6 8 11
39
40 First Lexicographical Solution for 15-Queens:
41 1 3 5 2 10 12 14 4 13 9 6 15 7 11 8
42
43 First Lexicographical Solution for 16-Queens:
44 1 3 5 2 13 9 14 12 15 6 16 7 4 11 8 10
45
46 First Lexicographical Solution for 17-Queens:
47 1 3 5 2 8 11 15 7 16 14 17 4 6 9 12 10 13
48
49 First Lexicographical Solution for 18-Queens:
50 1 3 5 2 8 15 12 16 13 17 6 18 7 4 11 9 14 10
51
52 First Lexicographical Solution for 19-Queens:
53 1 3 5 2 4 9 13 15 17 19 7 16 18 11 6 8 10 12 14
54
55 First Lexicographical Solution for 20-Queens:
56 1 3 5 2 4 13 15 12 18 20 17 9 16 19 8 10 7 14 6 11
57
58 First Lexicographical Solution for 21-Queens:
59 1 3 5 2 4 9 11 15 21 18 20 17 19 7 12 10 8 6 14 16 13
60
61 First Lexicographical Solution for 22-Queens:
62 1 3 5 2 4 10 14 17 20 13 19 22 18 8 21 12 9 6 16 7 11
    15
63
64 First Lexicographical Solution for 23-Queens:
65 1 3 5 2 4 9 11 13 18 20 22 19 21 10 8 6 23 7 16 12 15
    17 14
66
67 First Lexicographical Solution for 24-Queens:
68 1 3 5 2 4 9 11 14 18 22 19 23 20 24 10 21 6 8 12 16

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68 13 7 17 15

69

70 First Lexicographical Solution for 25-Queens:

71 1 3 5 2 4 9 11 13 15 19 21 24 20 25 23 6 8 10 7 14
16 18 12 17 22

72

73 First Lexicographical Solution for 26-Queens:

74 1 3 5 2 4 9 11 13 15 21 23 25 20 22 24 26 10 7 16 12
8 6 18 14 19 17

75

76 First Lexicographical Solution for 27-Queens:

77 1 3 5 2 4 9 11 13 15 17 19 23 25 27 24 26 6 10 7 16
8 12 14 21 18 20 22

78

79 First Lexicographical Solution for 28-Queens:

80 1 3 5 2 4 9 11 13 15 17 23 25 22 28 26 24 27 7 12 16
18 8 10 14 20 6 21 19

81

82 First Lexicographical Solution for 29-Queens:

83 1 3 5 2 4 9 11 13 15 6 20 24 26 21 29 27 25 28 8 12
7 16 10 17 22 14 18 23 19

84

85 First Lexicographical Solution for 30-Queens:

86 1 3 5 2 4 9 11 13 15 7 23 26 28 25 22 24 30 27 29 16
12 10 8 6 18 20 17 14 21 19

87

88 First Lexicographical Solution for 31-Queens:

89 1 3 5 2 4 9 11 13 15 6 18 23 26 28 31 25 27 30 7 17
29 14 10 8 20 12 16 19 22 24 21

90

91 First Lexicographical Solution for 32-Queens:

92 1 3 5 2 4 9 11 13 15 6 18 24 26 30 25 31 28 32 27 29
16 19 10 8 17 12 21 7 14 23 20 22

93

94 Please Continue to the Next Class(
Li_A_B23_HW6_AllSolutions) for Part 2 of the
Alternate Rubric.

95

96 Process finished with exit code 0

97