

Programming Assignment #3

n-Queen Problem

112062636 游竣量

Input:

N = 8, 9, 10, 11, 12, 13, 14

Output:

```
~/Desktop/碩一上/Algo/hw3 make 21:42:48
g++ -std=c++17 -O2 -Wall -c 112062636_bonus3.cpp -o 112062636_bonus3.o
g++ -std=c++17 -O2 -Wall -o 112062636_bonus3 112062636_bonus3.o
~/Desktop/碩一上/Algo/hw3 ./112062636_bonus3 21:42:50
Number of solutions for 8-queens is: 92
Number of solutions for 9-queens is: 352
Number of solutions for 10-queens is: 724
Number of solutions for 11-queens is: 2680
Number of solutions for 12-queens is: 14200
Number of solutions for 13-queens is: 73712
Number of solutions for 14-queens is: 365596
```

時間複雜度： $T(n) = n * T(n - 1) = O(n!)$