Implement GA methods on 8-Queens, 16-Queens, and 32-Queens problems.

The results should include:

1. Eight solutions for each size n-Queens problem. Totally, there are 24 solutions. You could start the GA randomly, and repeat the process 8 times. You don't need to check the similarity of the solutions.

	8-queens	16-queens	32-queens
1	46827135	?	?
2	?	?	?
3	?	?	?
4	?	?	?
5	?	?	?
6	?	?	?
7	?	?	?
8	?	?	?

2. The average number of the generations for each size n-Queens problem.

	8-Queens	16-Queens	32-Queens
Average generations of the search nodes	?	?	?

3. Your discussion for this homework.