

Instructions to run Simulated Annealing:

In the command prompt enter the following commands:

- 1) `cd *enter file path here*`
- 2) `javac Node.java`
- 3) `javac simulatedAnnealing.java`
- 4) `java simulatedAnnealing`

This will run a single test on a randomly generated board using simulated annealing.

If you want to run multiple randomly generated tests, open the file and do the following:

- 1) At the very top, edit the variable *numberOfTests* to hold the number of tests you wish to generate and solve.
- 2) In the main method, comment out the following method: *singleTrial()*
- 3) Immediately below it, you will find the method: *nTrials()*. Uncomment that and then repeat the instructions given above to run simulated annealing.

Instructions to run Genetic:

In the command prompt enter the following commands:

- 5) `cd *enter file path here*`
- 6) `javac Node.java`
- 7) `javac genetic.java`
- 8) `java genetic`

This will run a single test on a randomly generated population using genetic.

If you want to run multiple randomly generated tests, open the file and in the main method do the following:

- 4) At the very top, edit the variable *numberOfTests* to hold the number of tests you wish to generate and solve.
- 5) In the main method, comment out the following method: *singleTrial()*
- 6) Immediately below it, you will find the method: *nTrials()*. Uncomment that and then repeat the instructions given above to run simulated annealing.