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Lab07: N-Queens and Local Search

- Attach a code printout.
- Run 1000 hill climbs for 8-Queens, with no random restart or sideways moves.
 - How many of the trials found a solution?
 - What was the total execution time?
- Run any of the random searches (first choice, weighted choice, simulated annealing, or stochastic beam).
 - Which random search did you run?
 - Quantify the success rate and execution time.
 - What issues, decisions, complications, or roadblocks did you encounter?
- Run a genetic algorithm.
 - How large a population did you use for 8-Queens?
 - How many boards did you discard at each step?
 - How did you select pairs of boards for crossover?
 - Quantify the convergence to a solution.

Official Use Only

Header:	Name	Correct Date	Program Description
Style:	Comments	Variable Names	Modular
Data Structures:	Obvious	General	Lean
Algorithm:	Clear	Correct	Efficient
Scoring:	Raw _____	Late _____	Total _____