HillClimbing + SA Report

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|  | **Start state** | **Hamming distance heuristic** | **Manhattan distance heuristic** |
| **Hill climbing** | 3 1 2  6 4 5  0 7 8 | Final state:  [[0 1 2]  [3 4 5]  [6 7 8]]  Heuristic value: 1  Iterations: 2  Stuck at local maxima: False | Final state:  [[0 1 2]  [3 4 5]  [6 7 8]]  Heuristic value: 1  Iterations: 2  Stuck at local maxima: False |
| **Hill climbing** | 3 1 2  6 4 0  7 8 5 | Final state:  [[0 1 2]  [3 4 5]  [6 7 8]]  Heuristic value: 1  Iterations: 5  Stuck at local maxima: False | Final state:  [[0 1 2]  [3 4 5]  [6 7 8]]  Heuristic value: 1  Iterations: 5  Stuck at local maxima: False |
| **Simulated annealing** | 3 1 2  6 4 5  0 7 8 | Final state:  [[0 1 2]  [3 4 5]  [6 7 8]]  Heuristic value: 1  Iterations: 13  Final temperature: 0.8775210229989678 | Final state:  [[0 1 2]  [3 4 5]  [6 7 8]]  Heuristic value: 1  Iterations: 4  Final temperature: 0.96059601 |
| **Simulated annealing** | 3 1 2  6 4 0  7 8 5 | Final state:  [[0 1 2]  [3 4 5]  [6 7 8]]  Heuristic value: 1  Iterations: 22  Final temperature: 0.8016305895390458 | Final state:  [[4 1 2]  [3 6 5]  [0 7 8]]  Heuristic value: 4  Iterations: 917  Final temperature: 9.941992838152815e-05 |