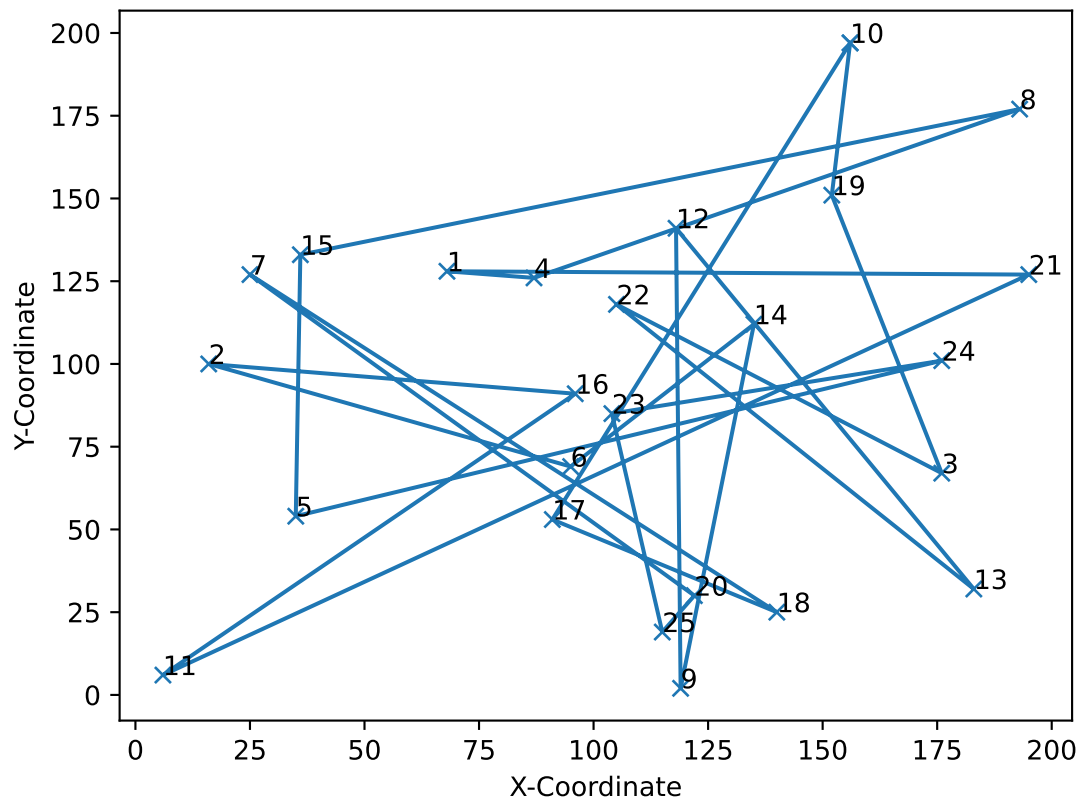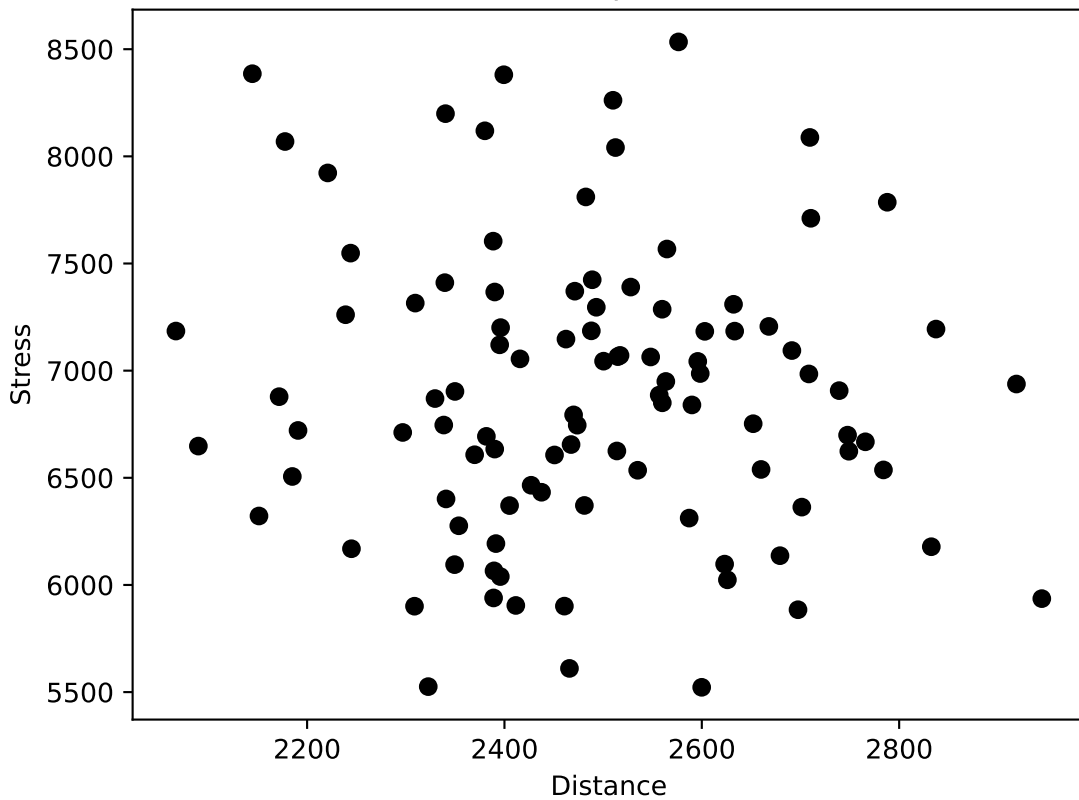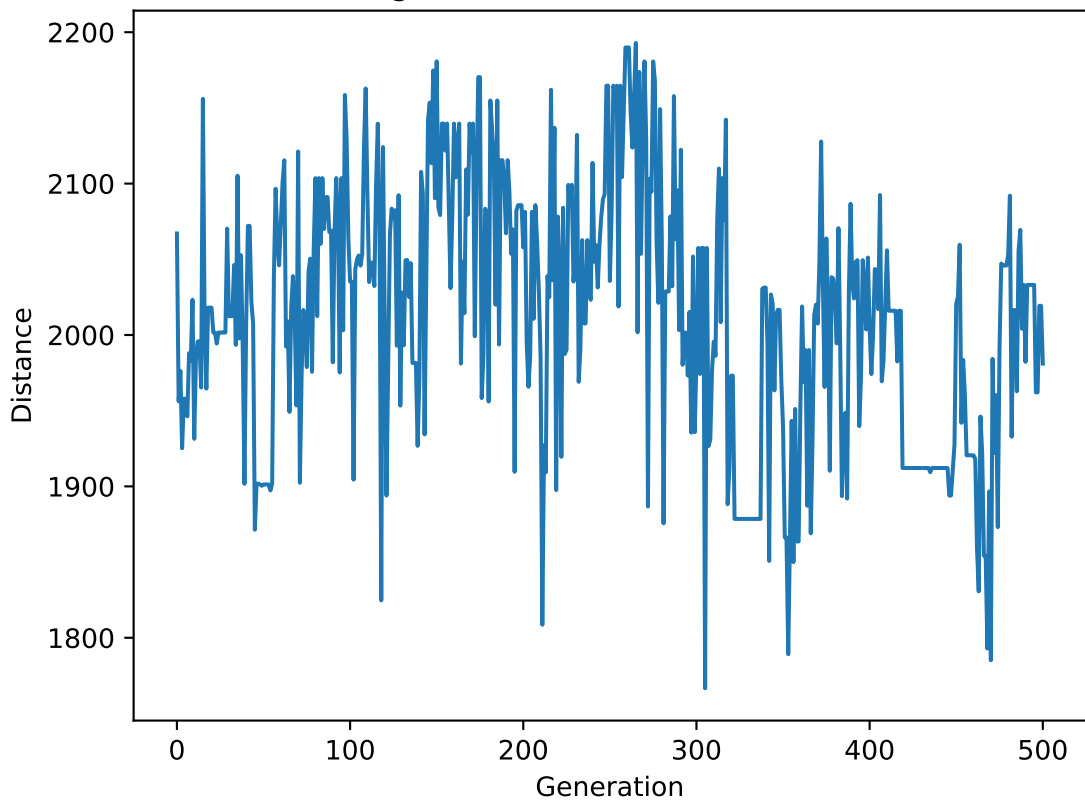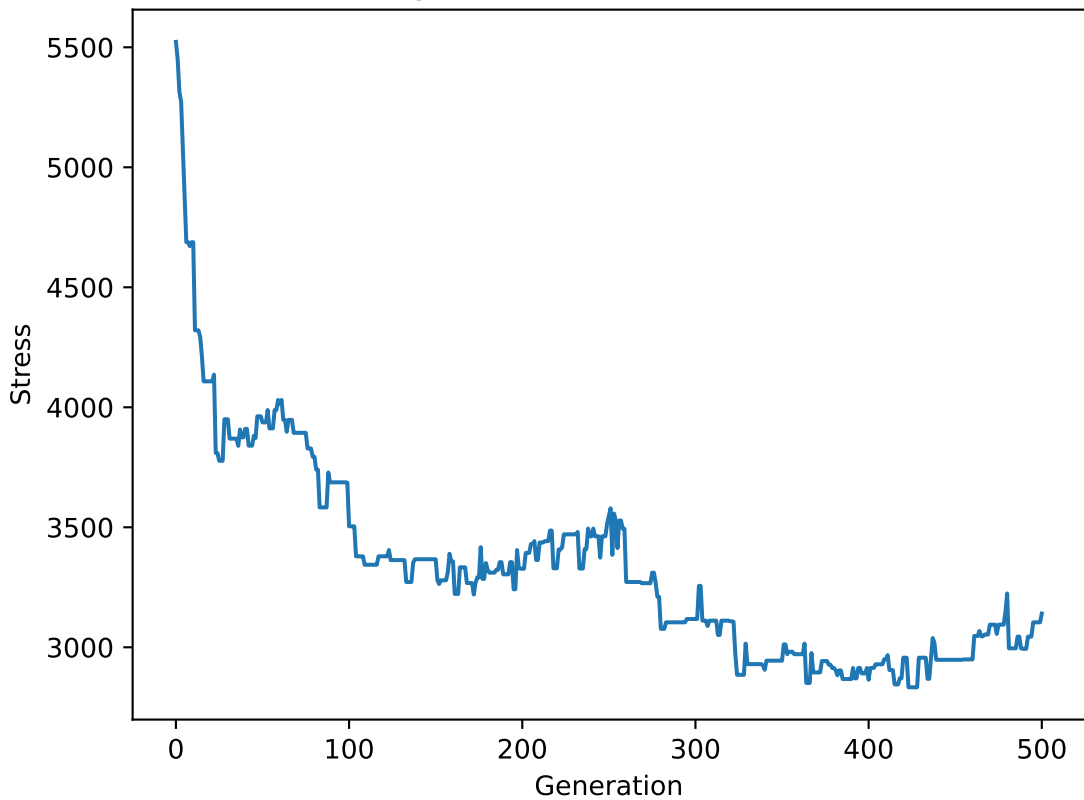Best initial route

Initial Population
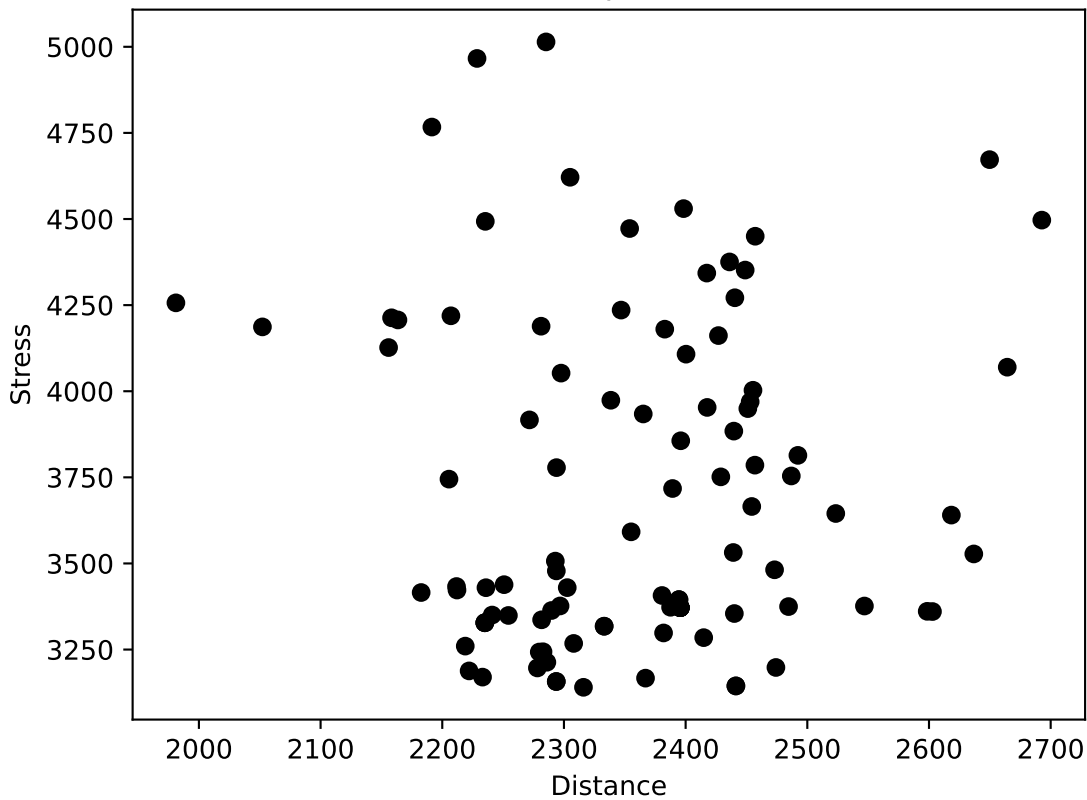
Progress of Distance Minimization

Progress of Stress Minimization

Initial distance : 2599.883408347034
Initial stress: 5522.400000000001
Initial objective: 5522.400000000001
Final objective: 3140.399999999999
Final distance : 2316.0404046761405
Final stress: 3140.3999999999996

Final Population

[13, 9, 18, 3, 21,
7, 14, 2, 10, 16,
8, 24, 4, 6, 19,
12, 23, 11, 20, 5,
25, 1, 15, 17, 22]

Best final route