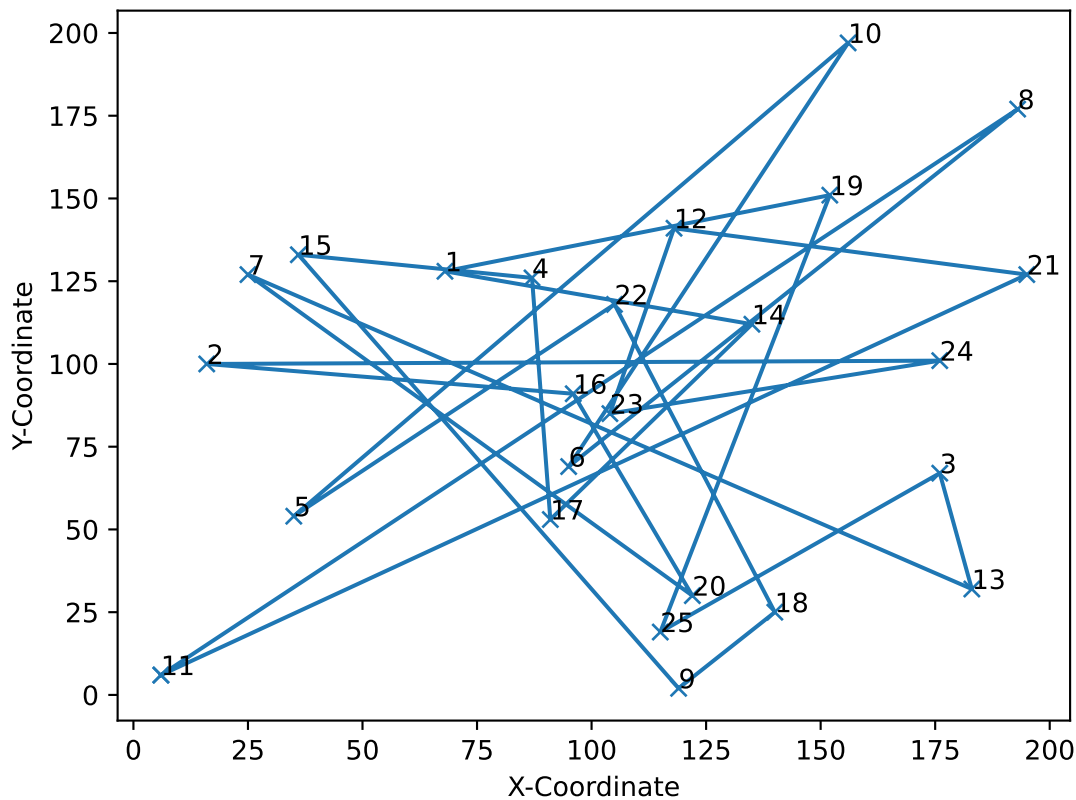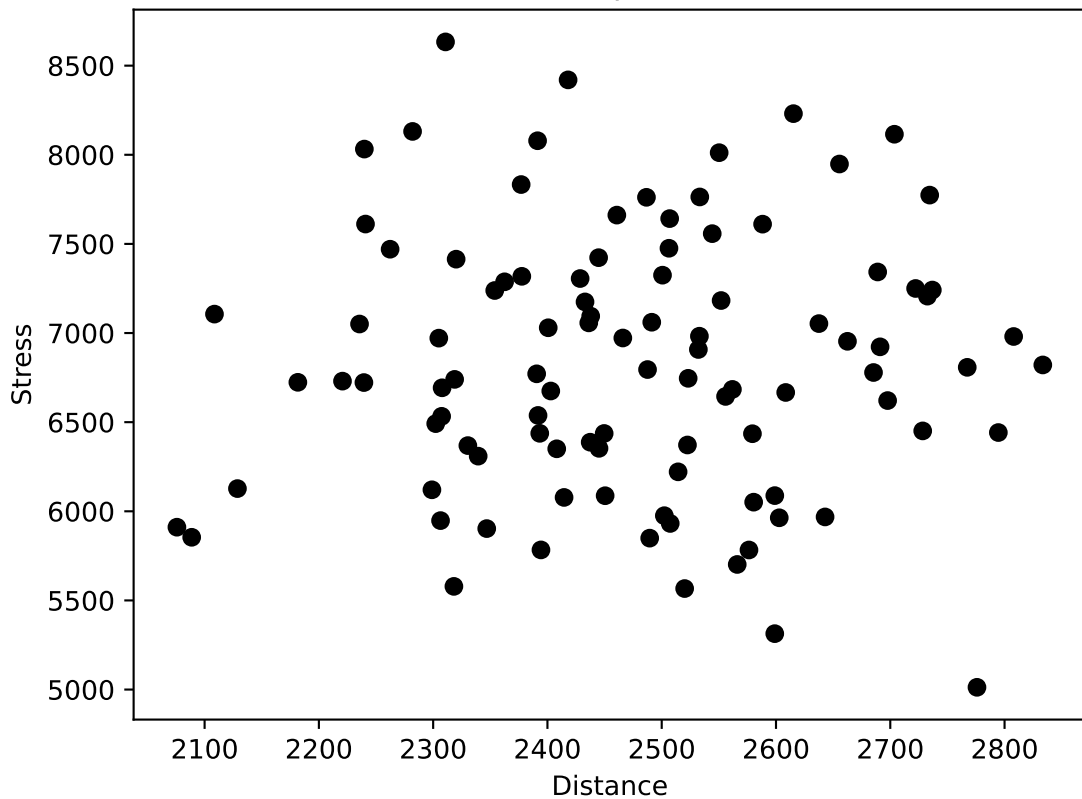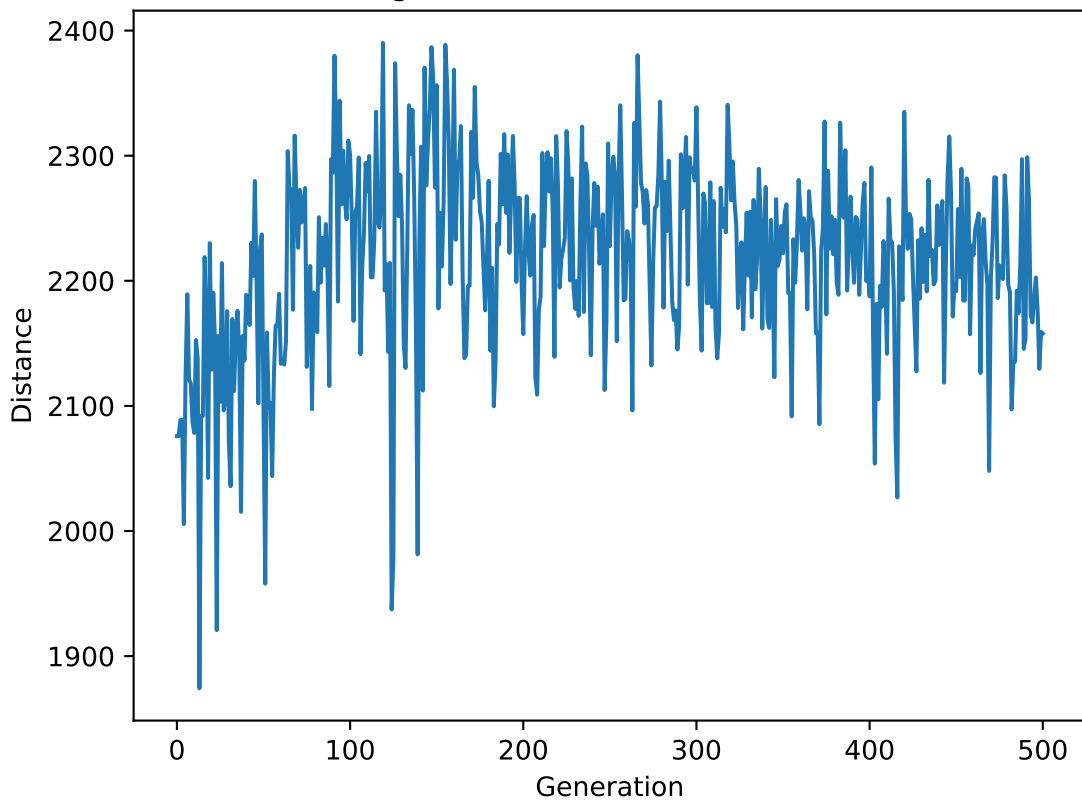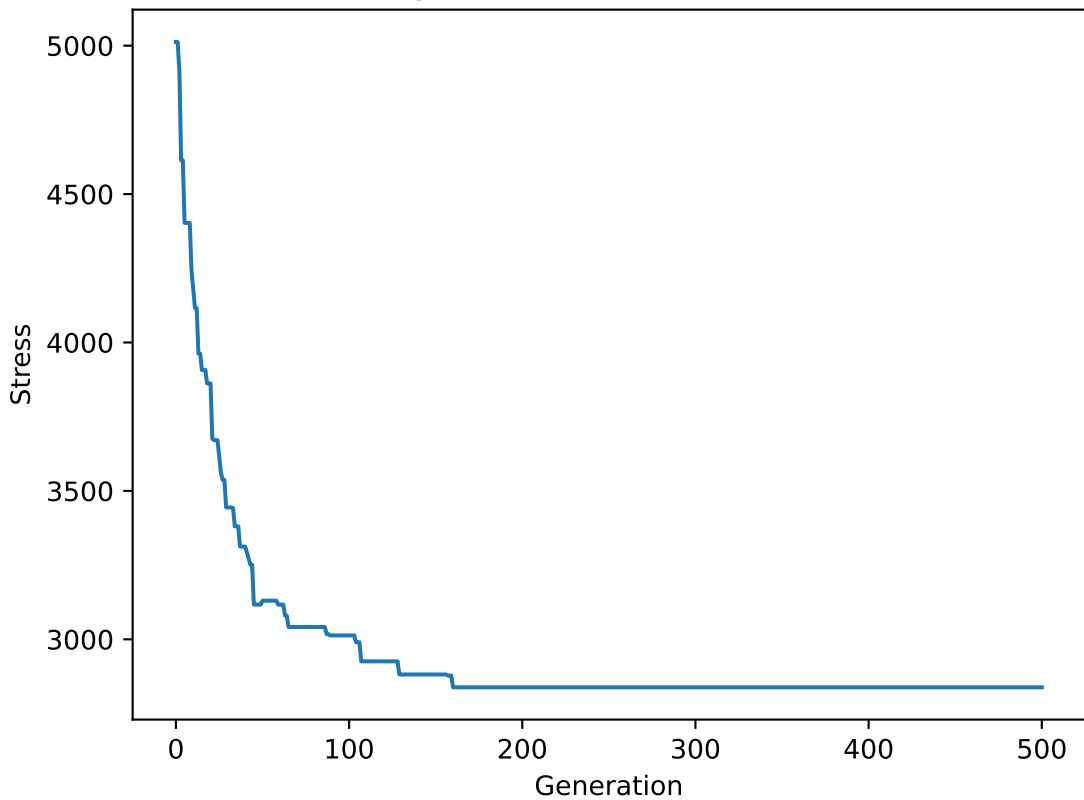Best initial route

Initial Population
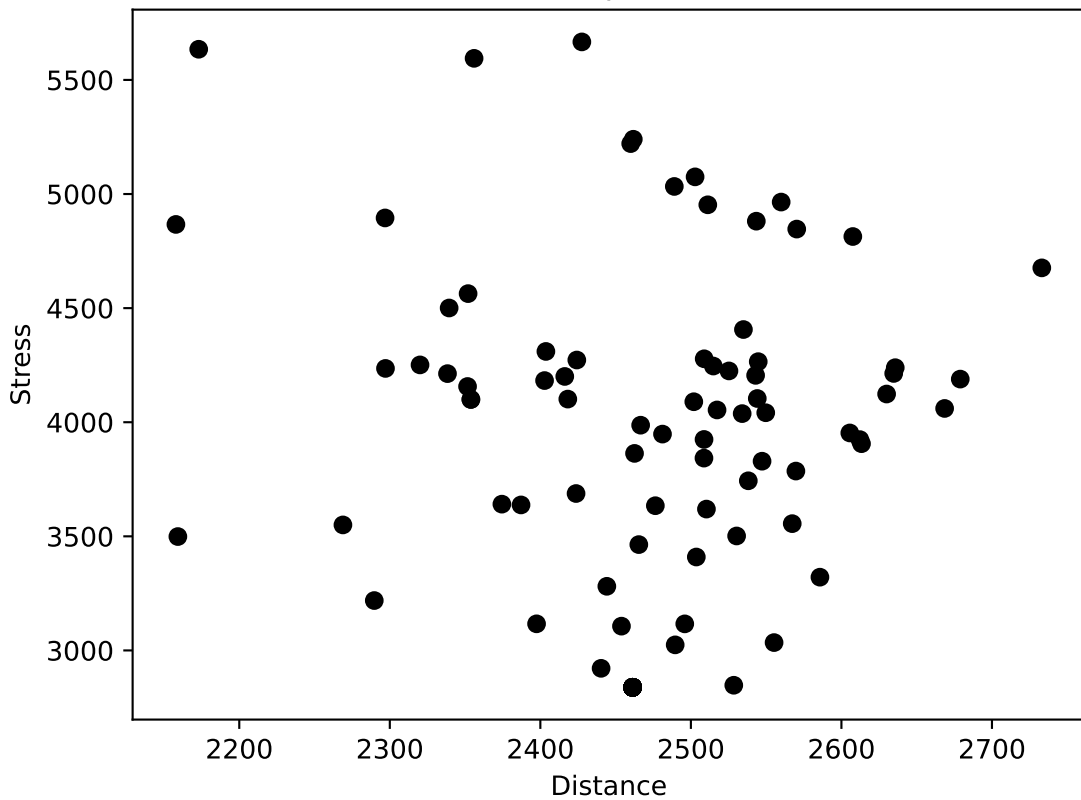
Progress of Distance Minimization

Progress of Stress Minimization

Initial distance : 2775.868305576718
Initial stress: 5012.599999999999
Initial objective: 5012.599999999999
Final objective: 2838.3999999999996
Final distance : 2461.297068196953
Final stress: 2838.3999999999996

Final Population

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

Best final route