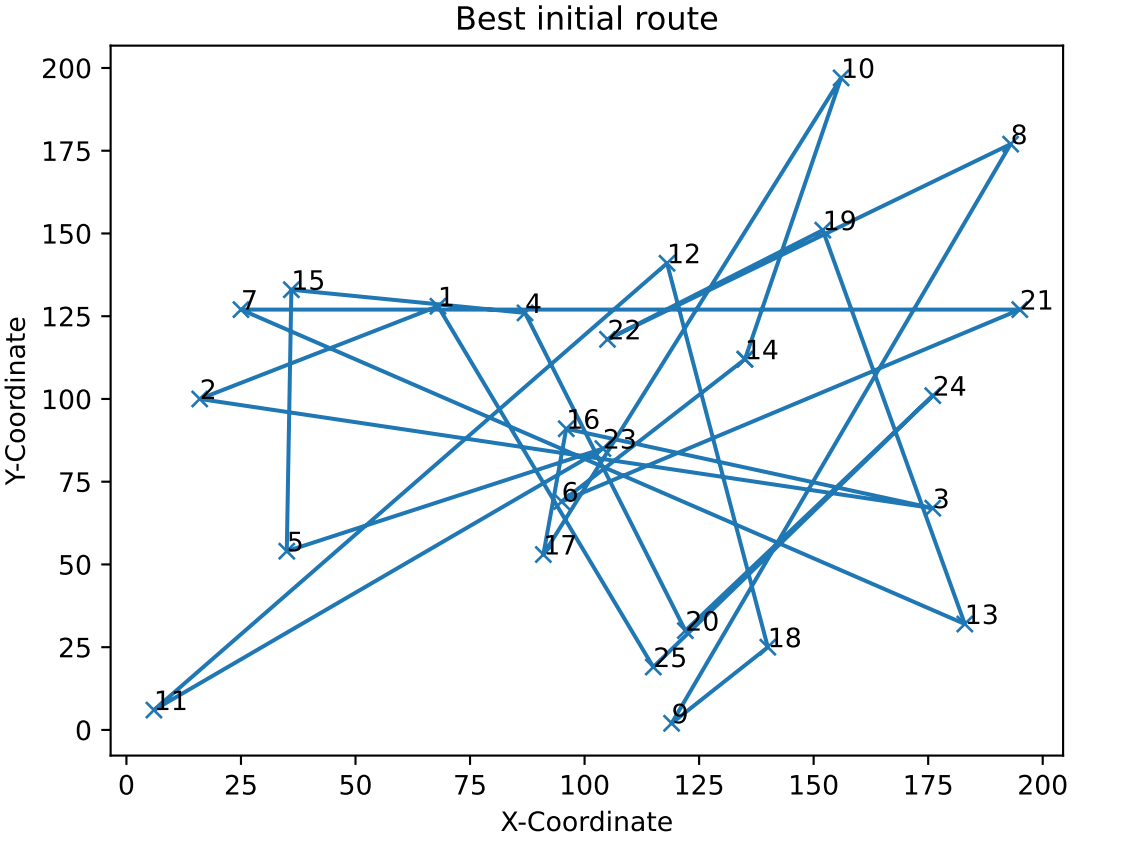
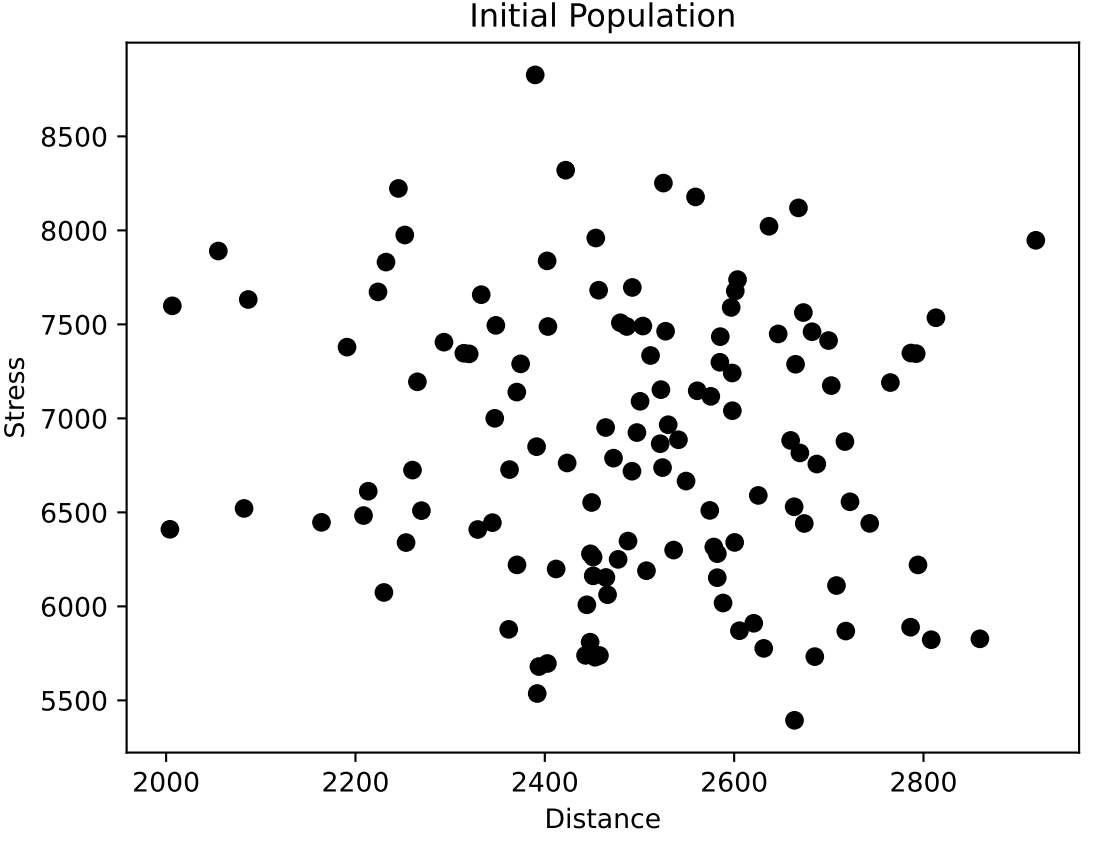
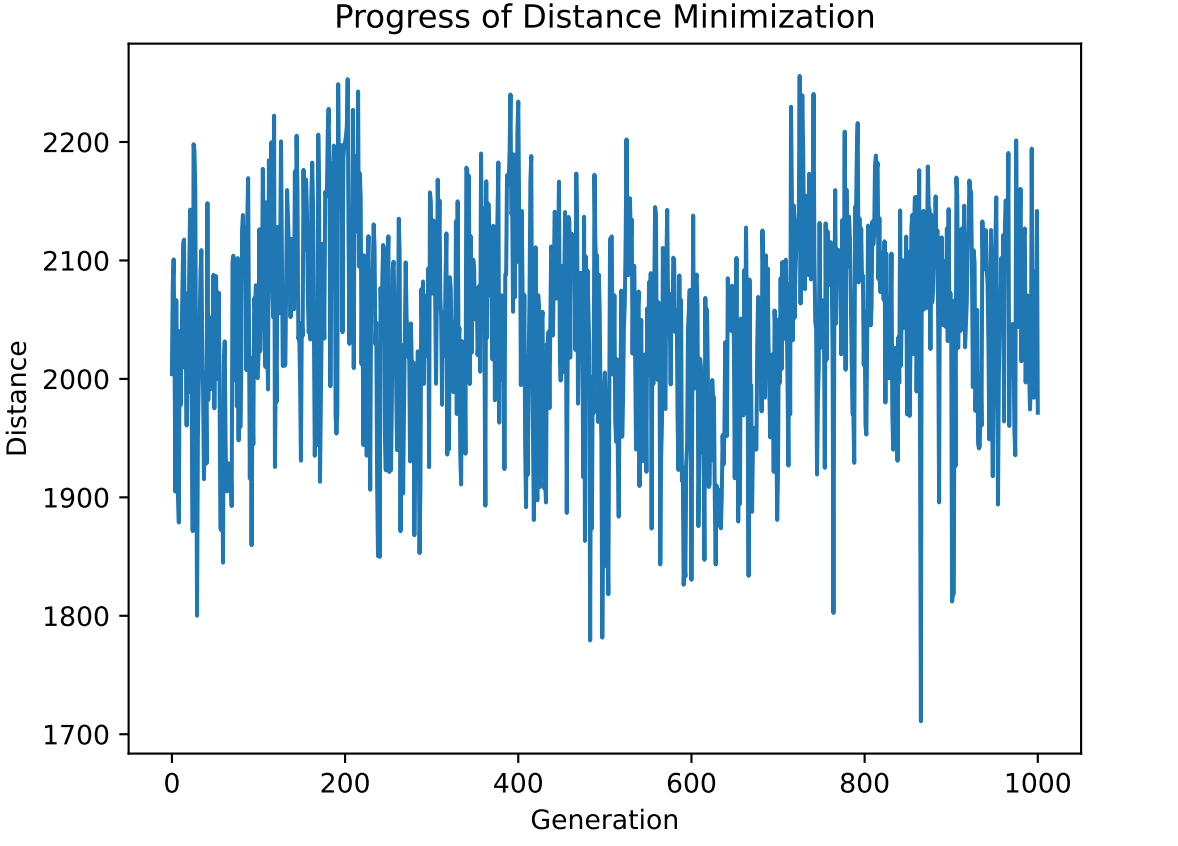
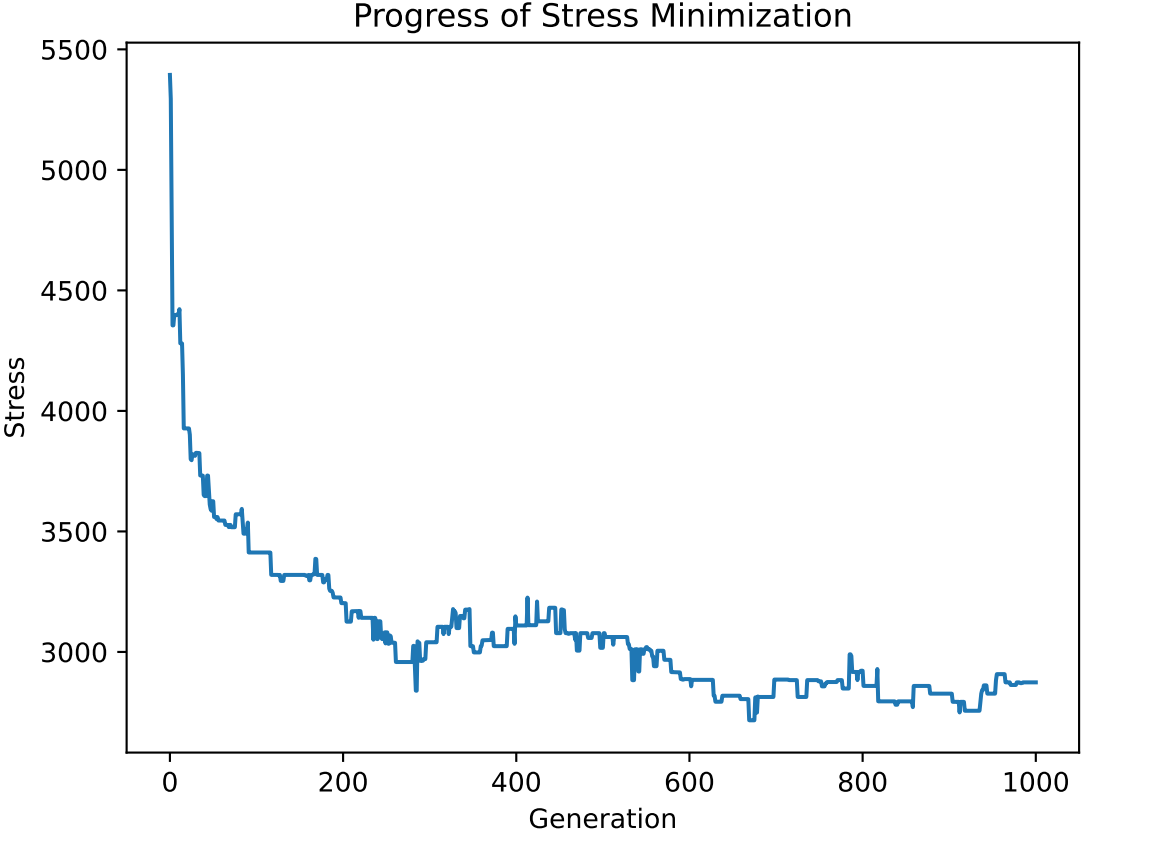
Objective: 2 | popSize: 125 | eliteSize: 10 | mutationRate: 0.01 | generations: 1000

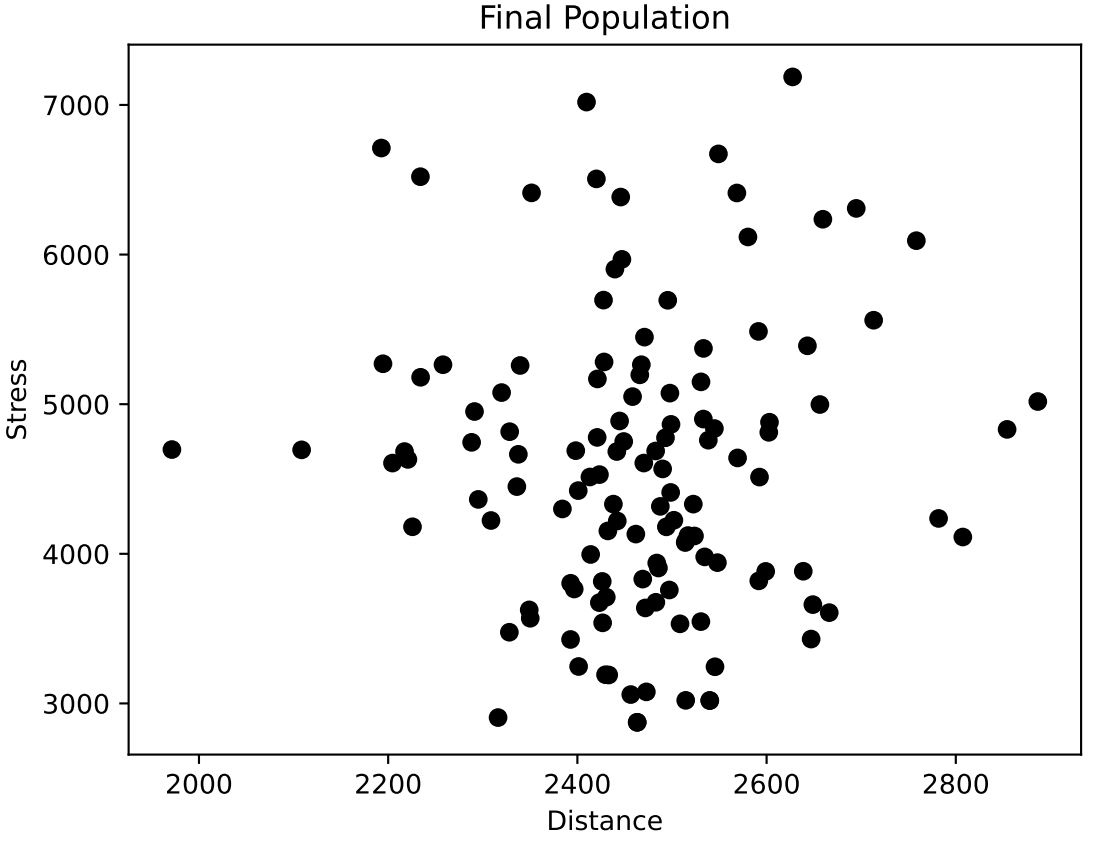

Best initial route
Y-Coordinate
X-Coordinate
0
25
50
75
100
125
150
175
200
10
8
19
12
15
1
4
7
21
22
14
2
24
16
23
6
3
5
17
13
20
18
25
11
9


Initial Population
Stress
Distance
8500
8000
7500
7000
6500
6000
5500
2000
2200
2400
2600
2800

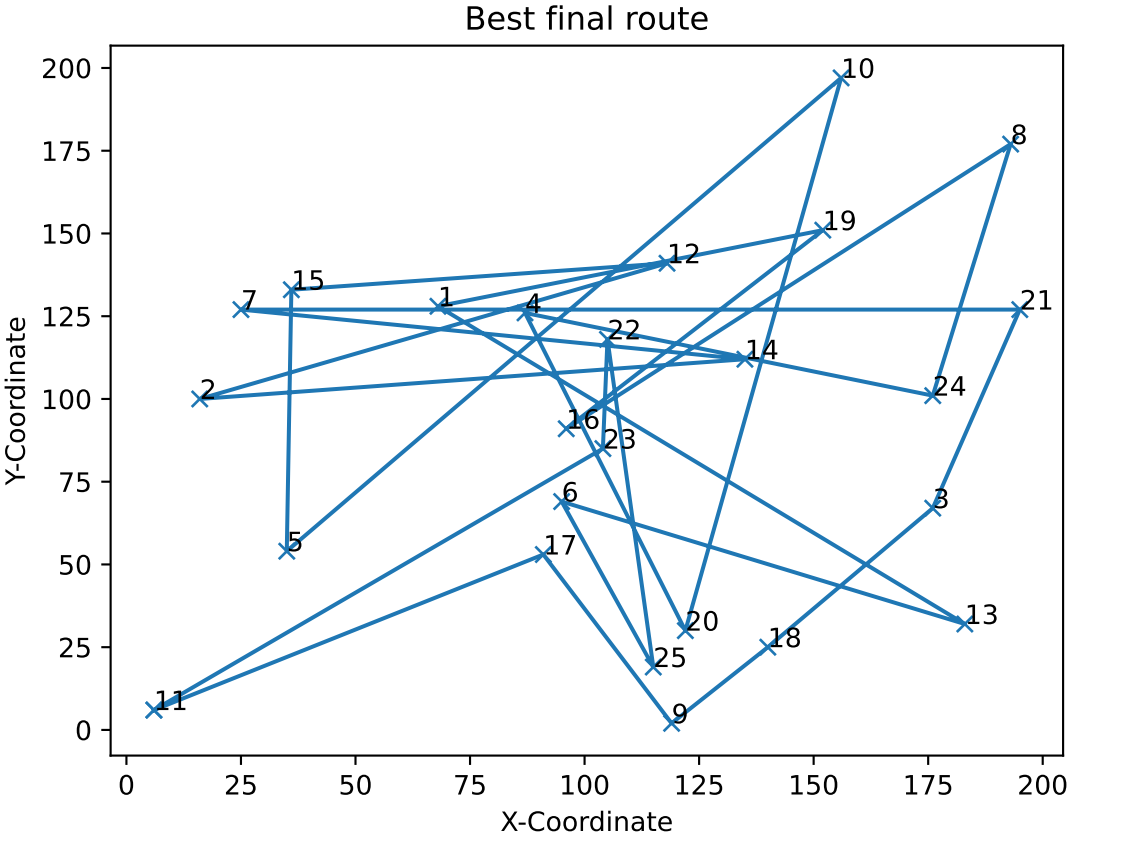

Progress of Distance Minimization
Distance
Generation
2200
2100
2000
1900
1800
1700
0
200
400
600
800
1000


Progress of Stress Minimization
Stress
Generation
5500
5000
4500
4000
3500
3000
0
200
400
600
800
1000

Initial distance : 2663.7798405588446
Initial stress: 5394.0
Initial objective: 5394.0
Final objective: 2873.8
Final distance : 2463.2220307889224
Final stress: 2873.8


Final Population
Stress
Distance
7000
6000
5000
4000
3000
2000
2200
2400
2600
2800

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


Best final route
Y-Coordinate
X-Coordinate
0
25
50
75
100
125
150
175
200
10
8
19
12
15
1
4
21
7
22
14
2
24
16
23
6
3
5
17
13
20
18
25
11
9