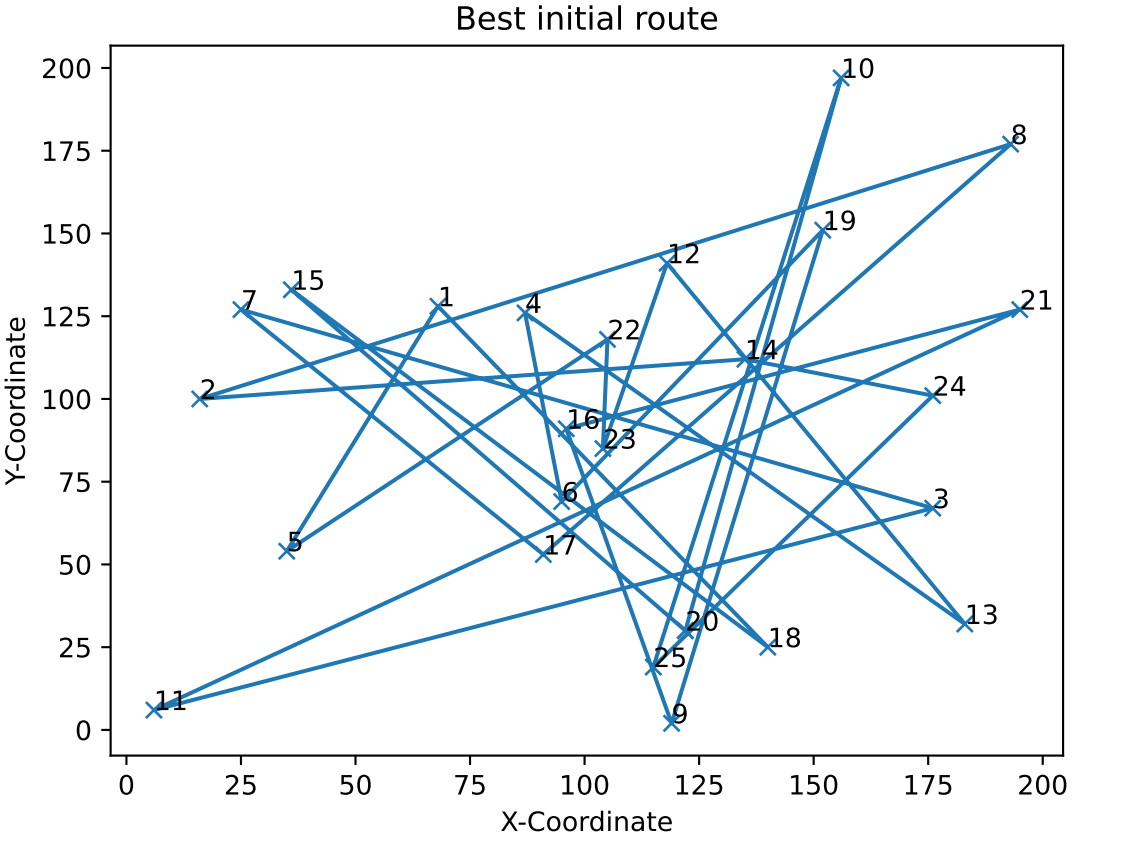
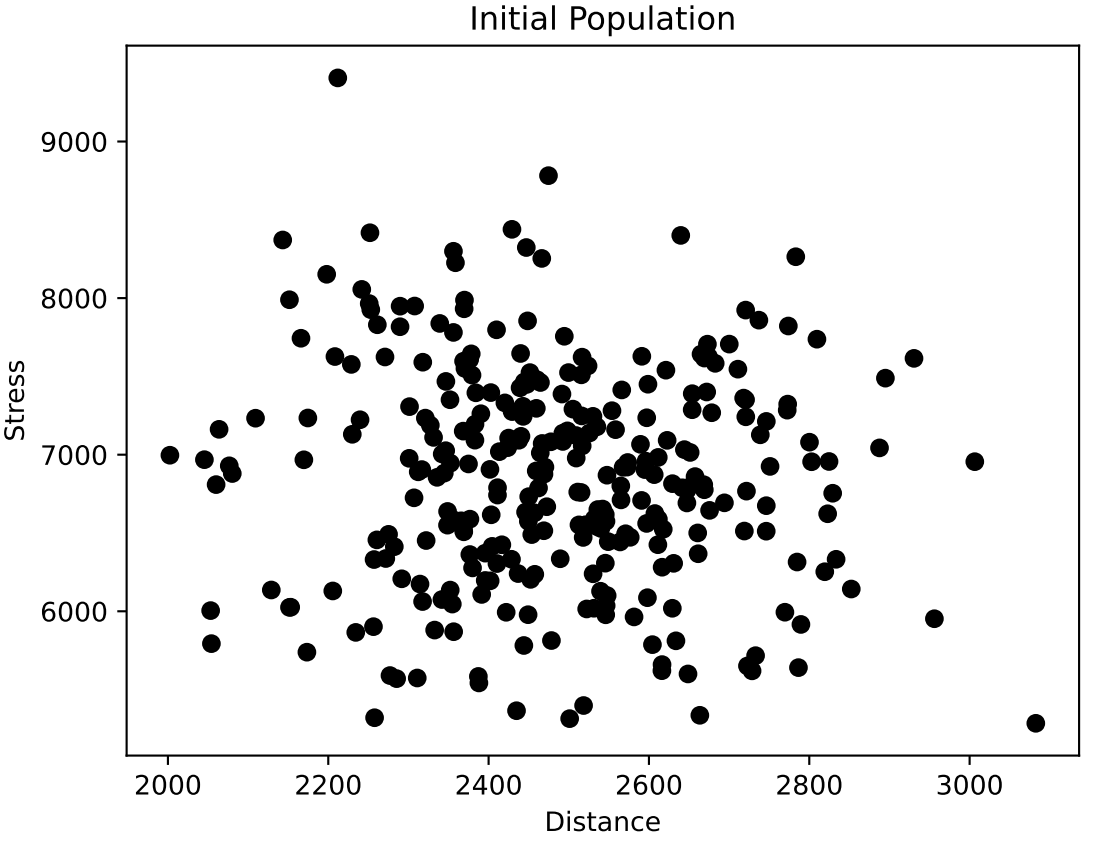
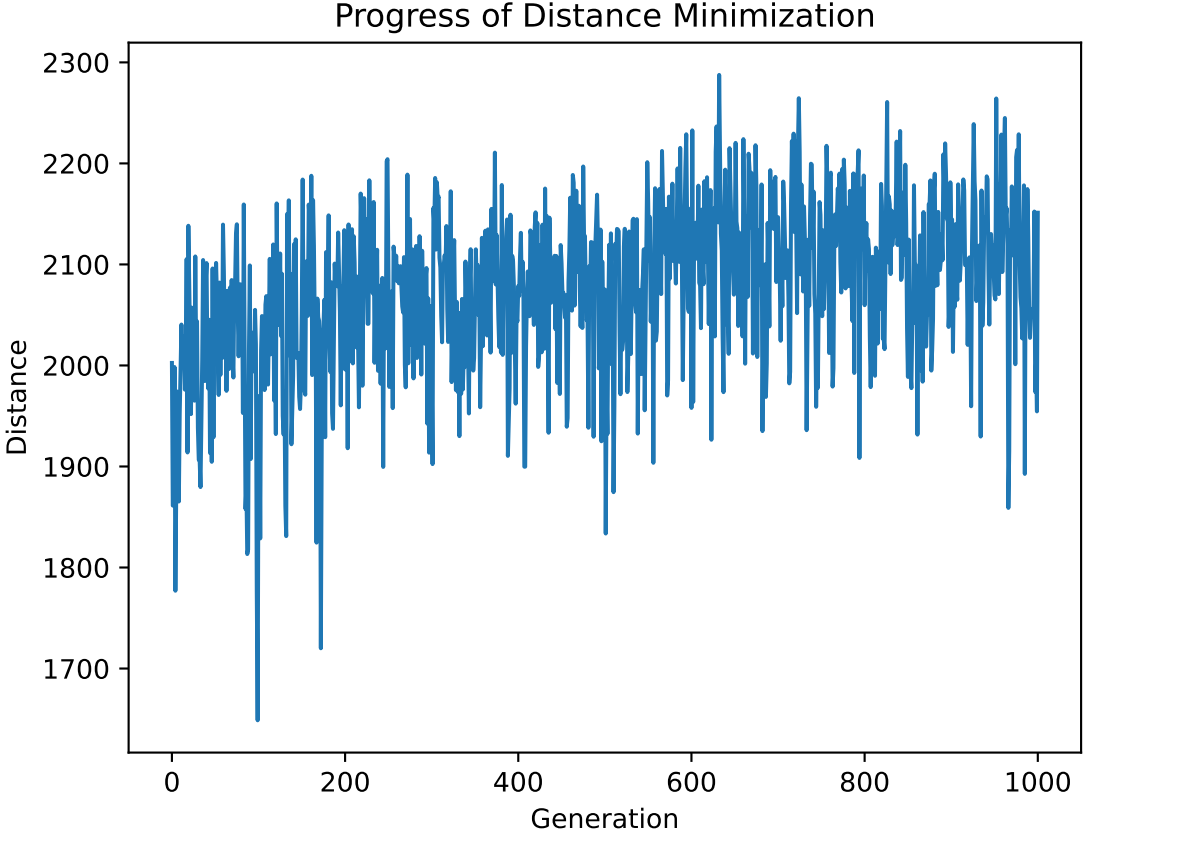
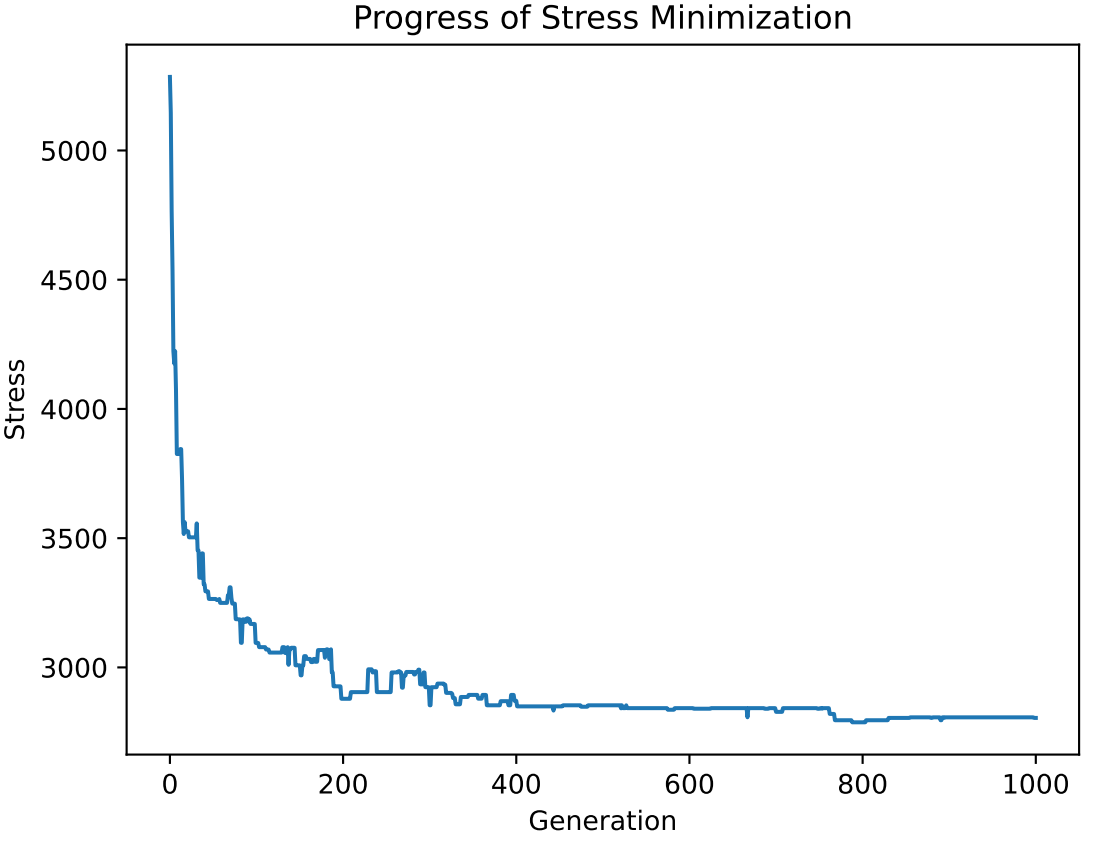
Objective: 2 | popSize: 300 | eliteSize: 30 | mutationRate: 0.01 | generations: 1000

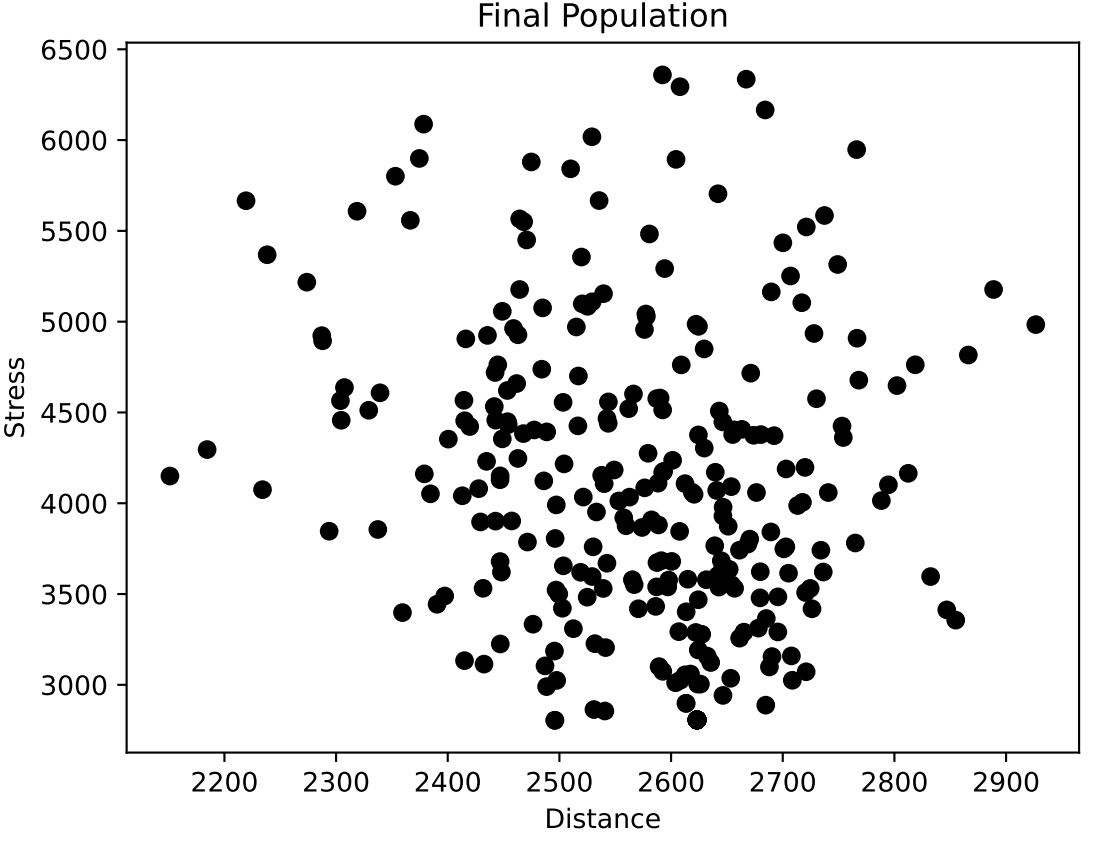

Best initial route
Y-Coordinate
X-Coordinate
0
25
50
75
100
125
150
175
200
10
8
19
12
15
1
4
7
21
22
14
2
24
16
23
6
3
5
17
13
20
18
25
11
9


Initial Population
Stress
9000
8000
7000
6000
2000
2200
2400
2600
2800
3000
Distance

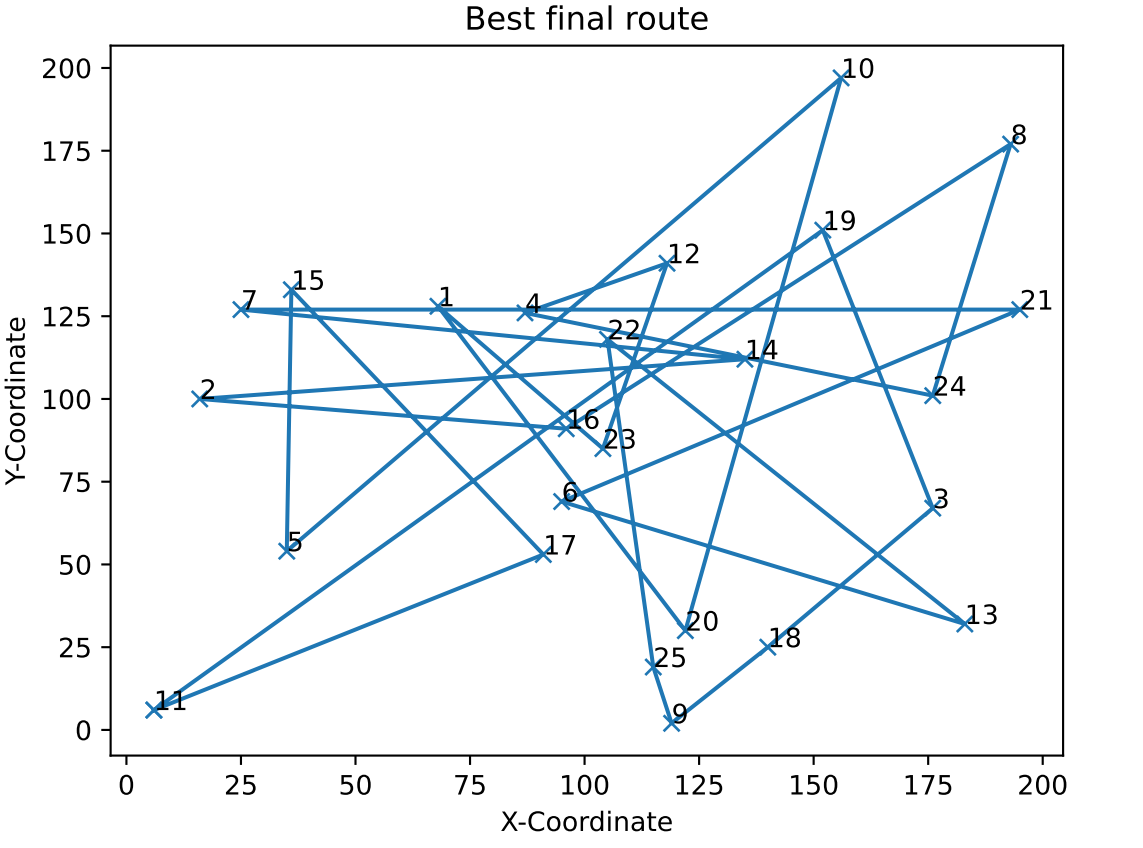

Progress of Distance Minimization
Distance
Generation
2300
2200
2100
2000
1900
1800
1700
0
200
400
600
800
1000


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

Initial distance : 3082.558158734567
Initial stress:    5284.599999999999
Initial objective: 5284.599999999999
Final objective: 2804.6
Final distance : 2495.9135645825268
Final stress:    2804.6


Final Population
Stress
Distance
6500
6000
5500
5000
4500
4000
3500
3000
2200
2300
2400
2500
2600
2700
2800
2900

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


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