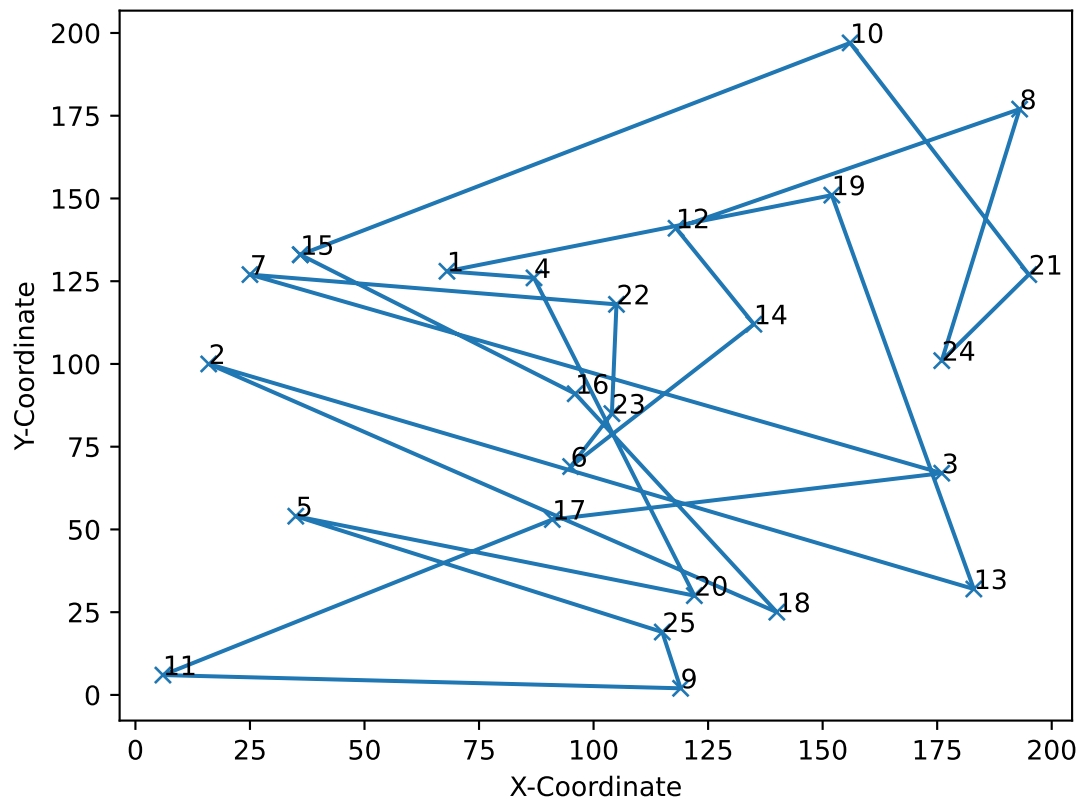
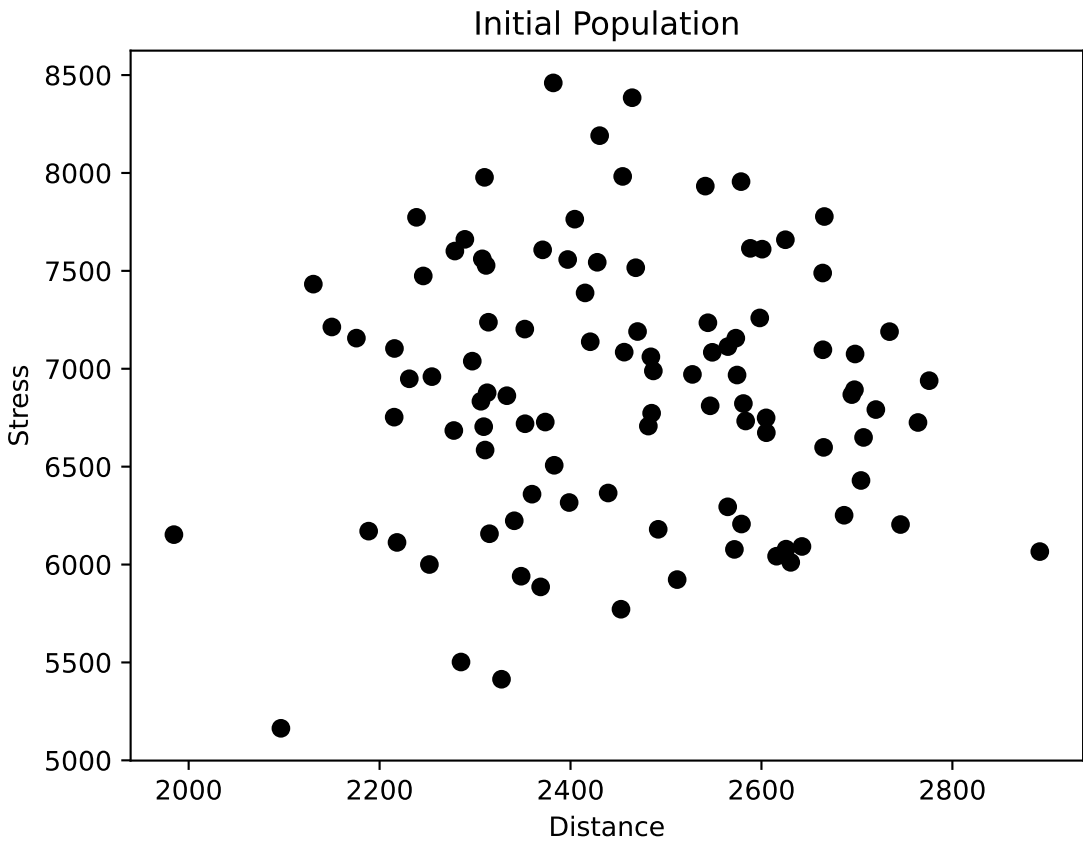
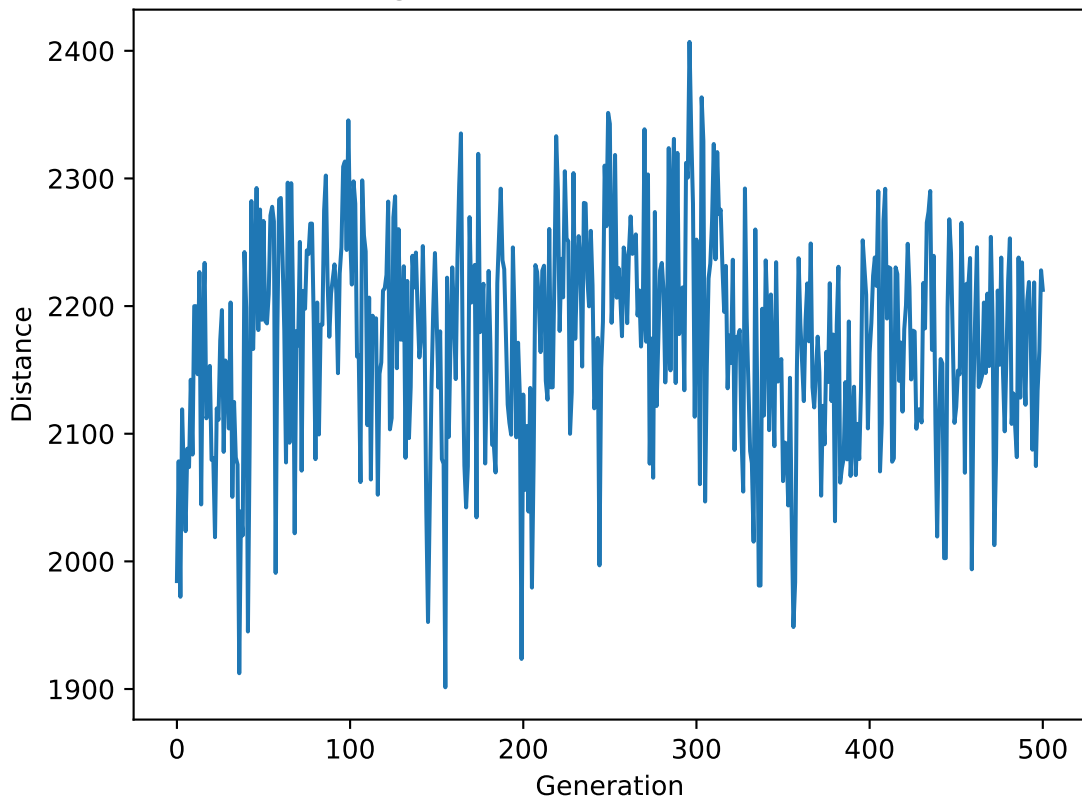


Best initial route

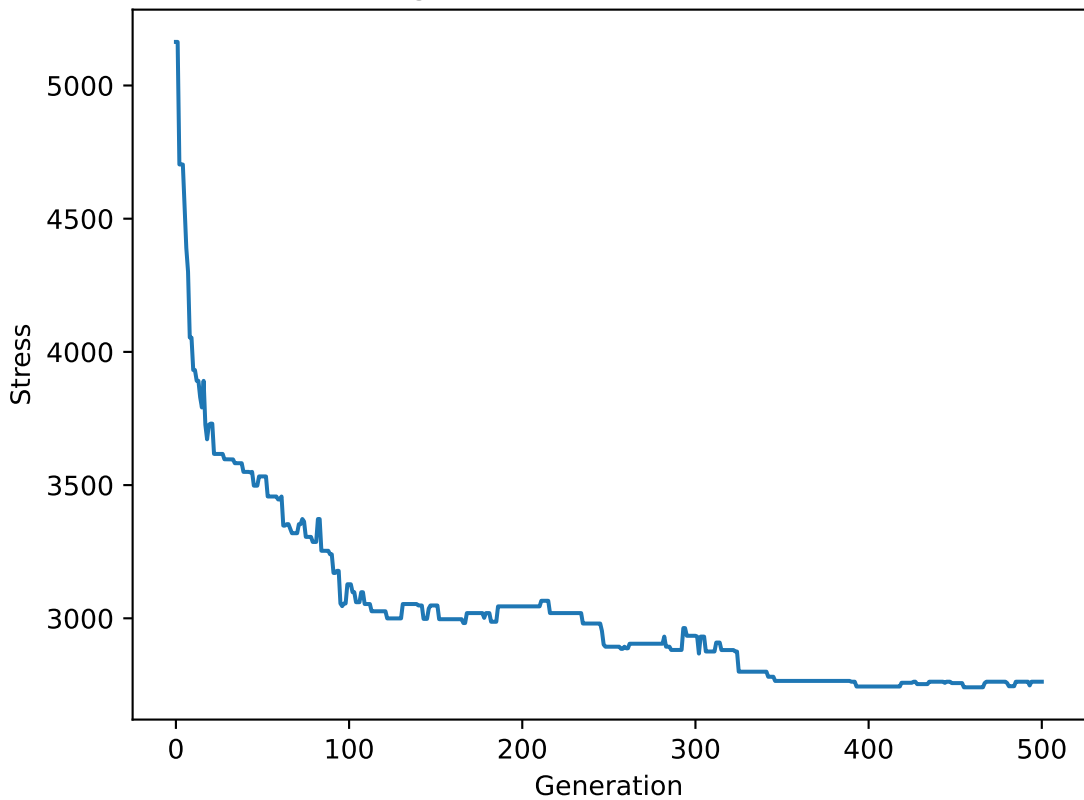




Progress of Distance Minimization

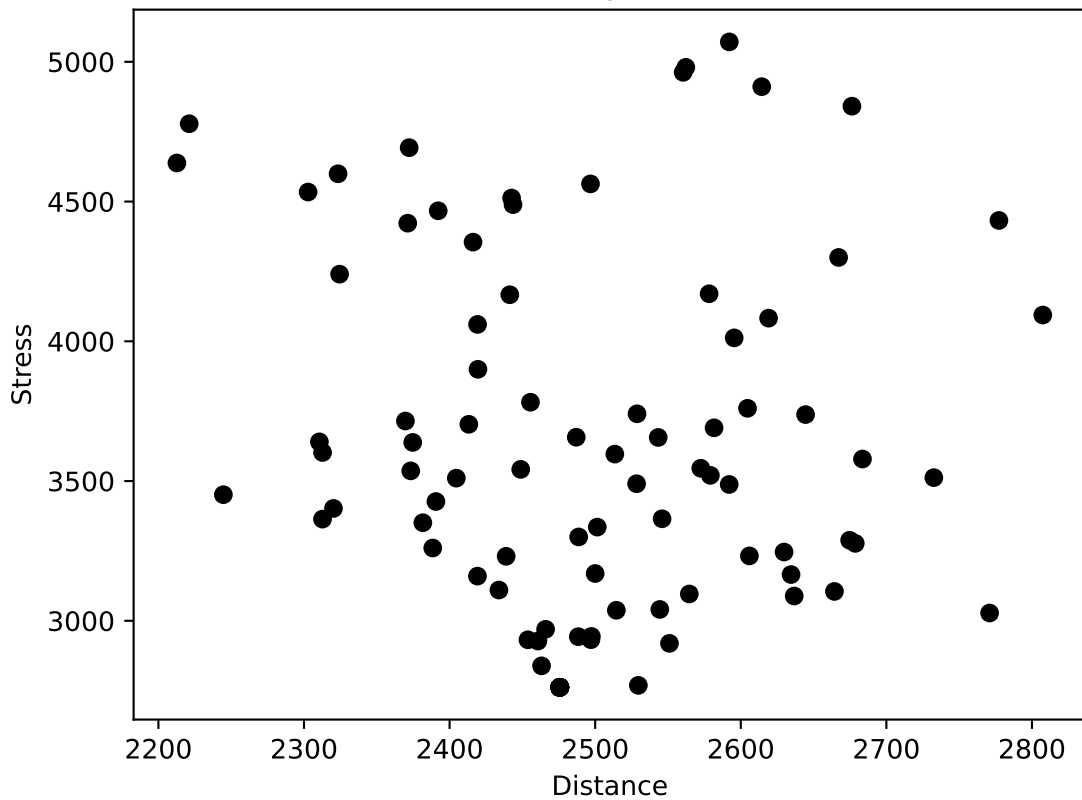


Progress of Stress Minimization



Initial distance : 2096.631012743933
Initial stress: 5163.599999999999
Initial objective: 5163.599999999999
Final objective: 2761.999999999995
Final distance : 2475.6928638164486
Final stress: 2761.999999999995

Final Population



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

Best final route

