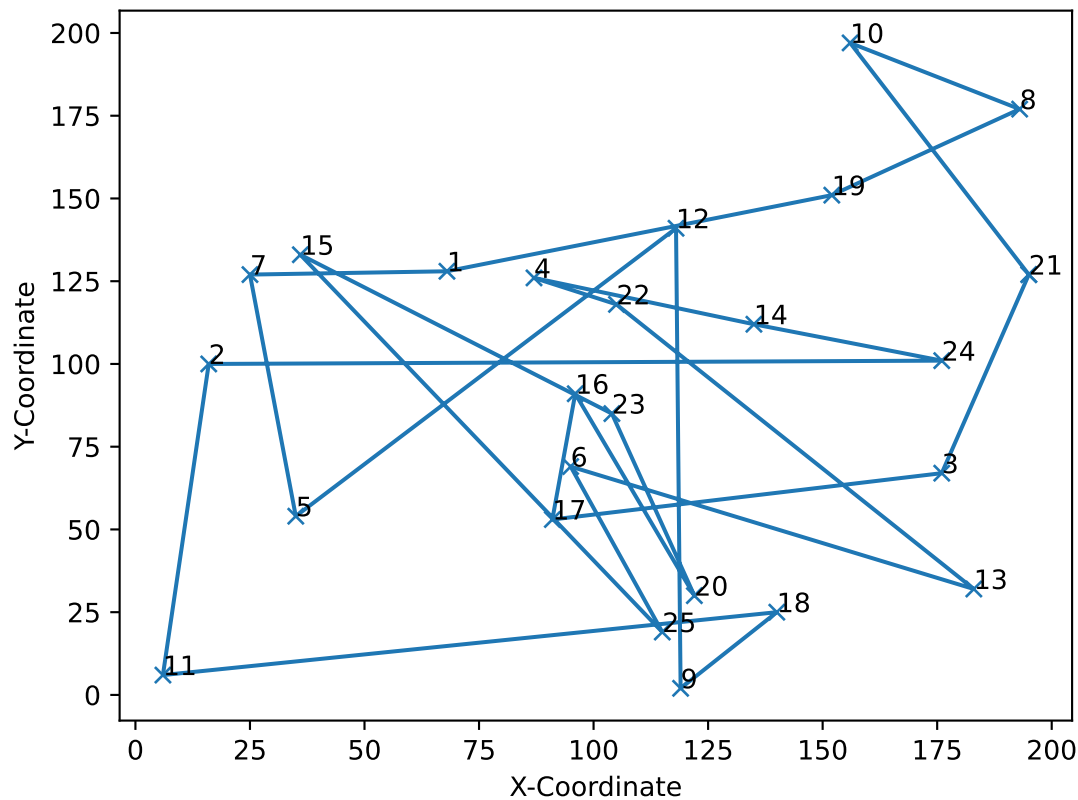
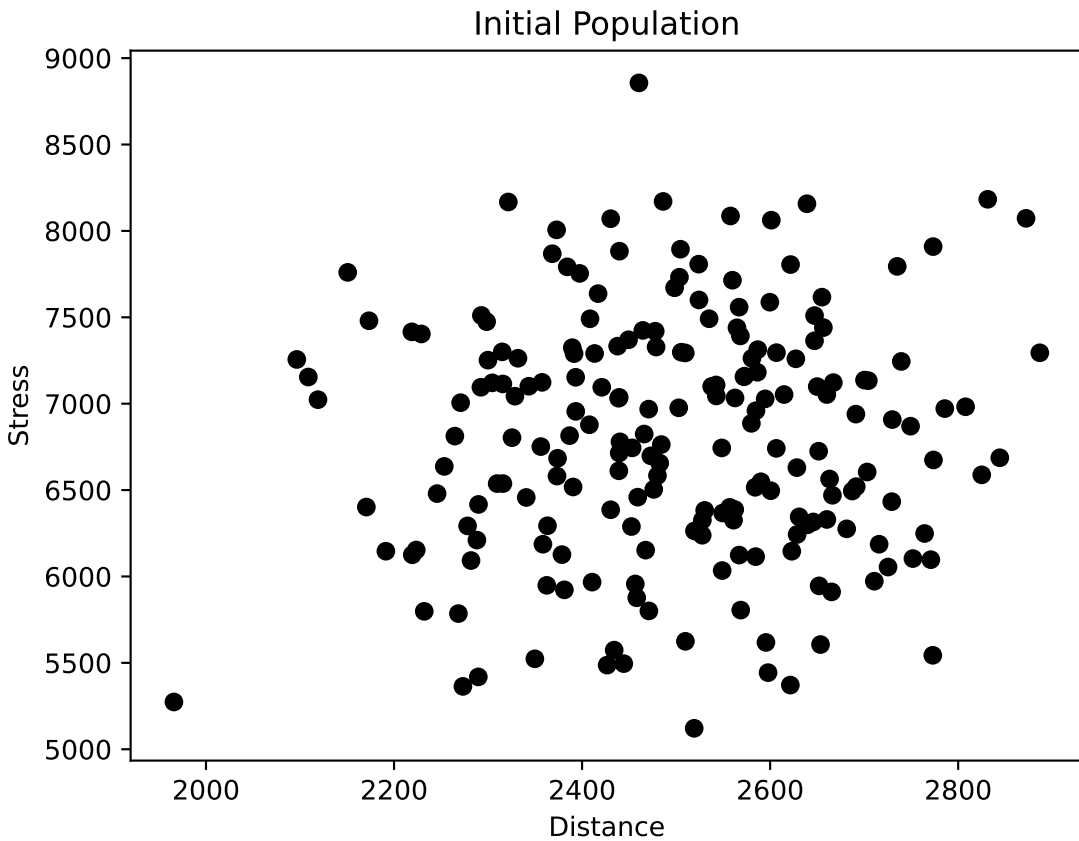


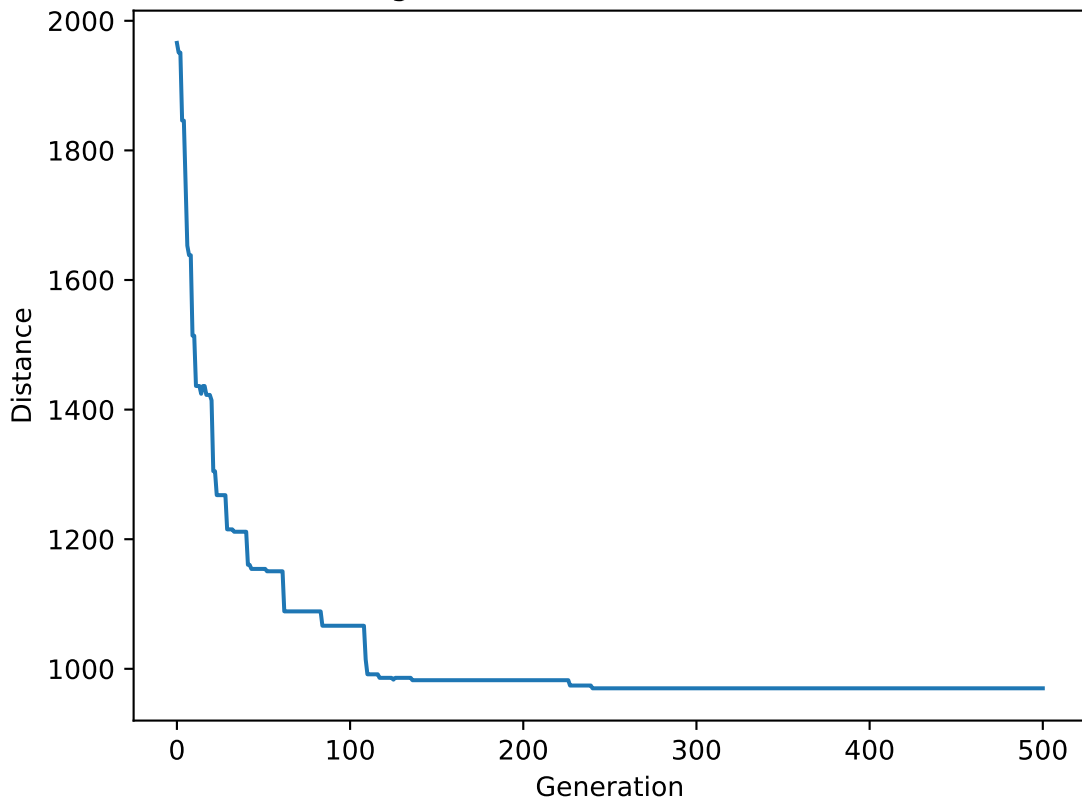
```
[1, 2, 3, 4, 5,  
 6, 7, 8, 9, 10,  
11, 12, 13, 14, 15,  
16, 17, 18, 19, 20,  
21, 22, 23, 24, 25]
```

Best initial route

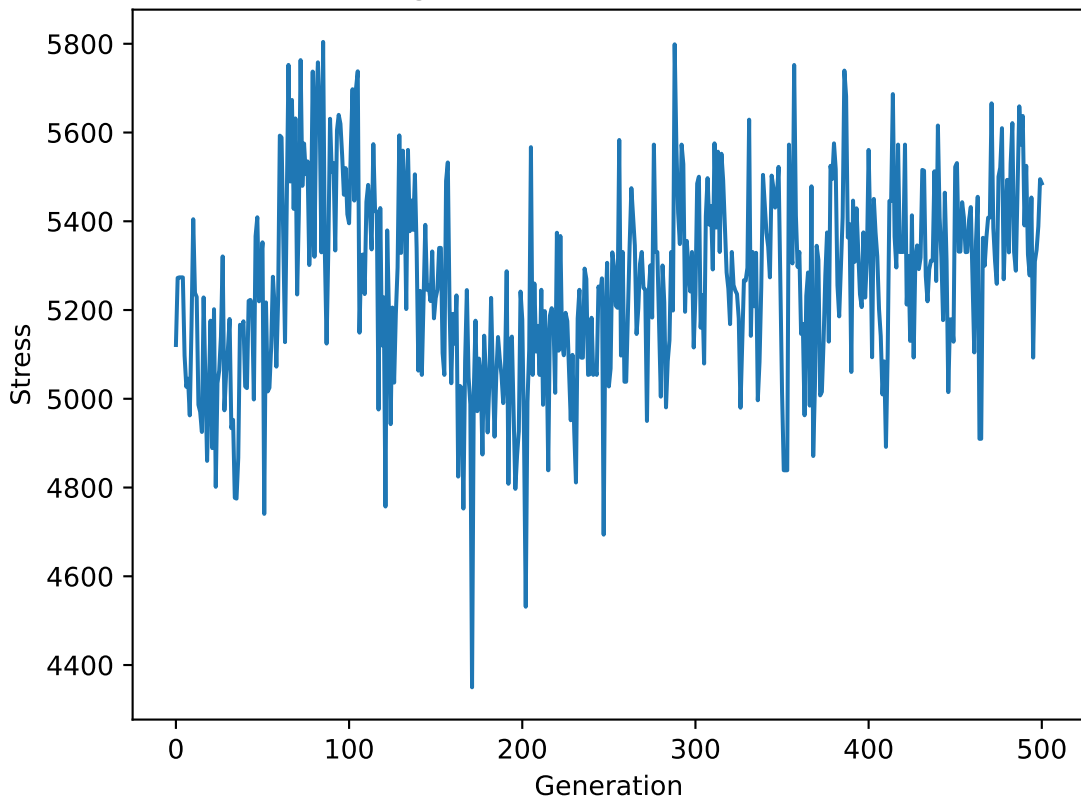




Progress of Distance Minimization

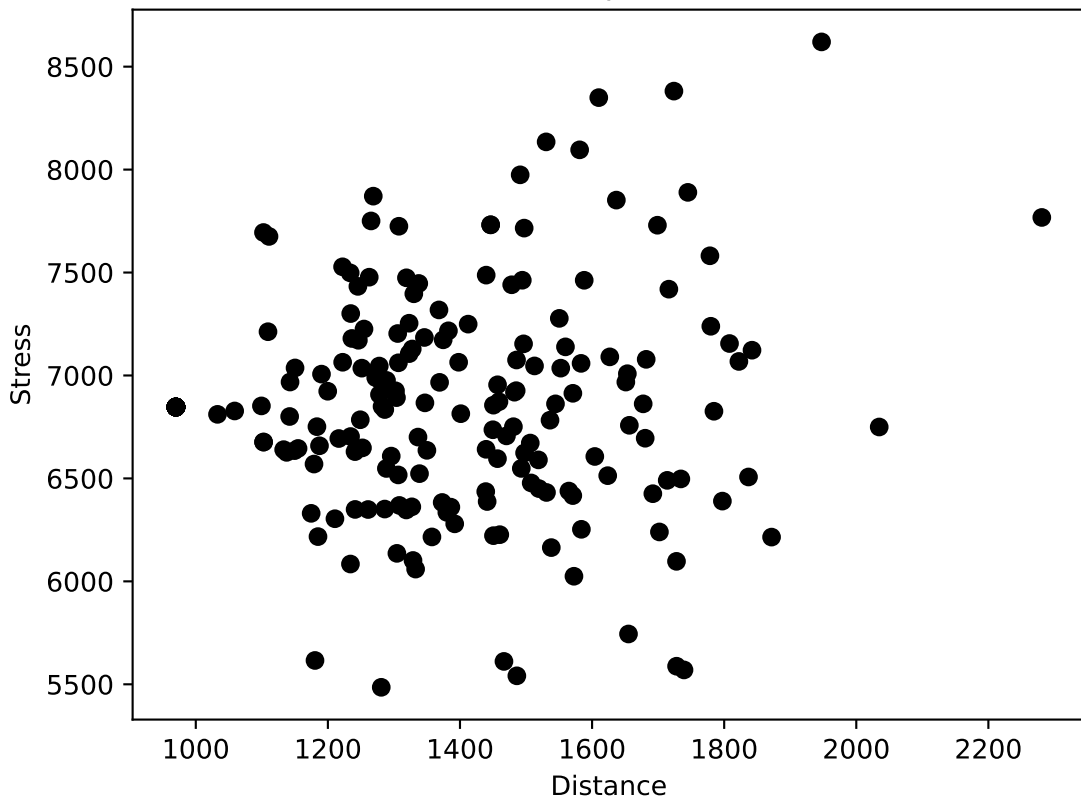


Progress of Stress Minimization



Initial distance : 1965.8751007657106  
Initial stress: 5273.6  
Initial objective: 1965.8751007657104  
Final objective: 969.9149673055217  
Final distance : 969.9149673055216  
Final stress: 6846.6

Final Population



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



Best final route

