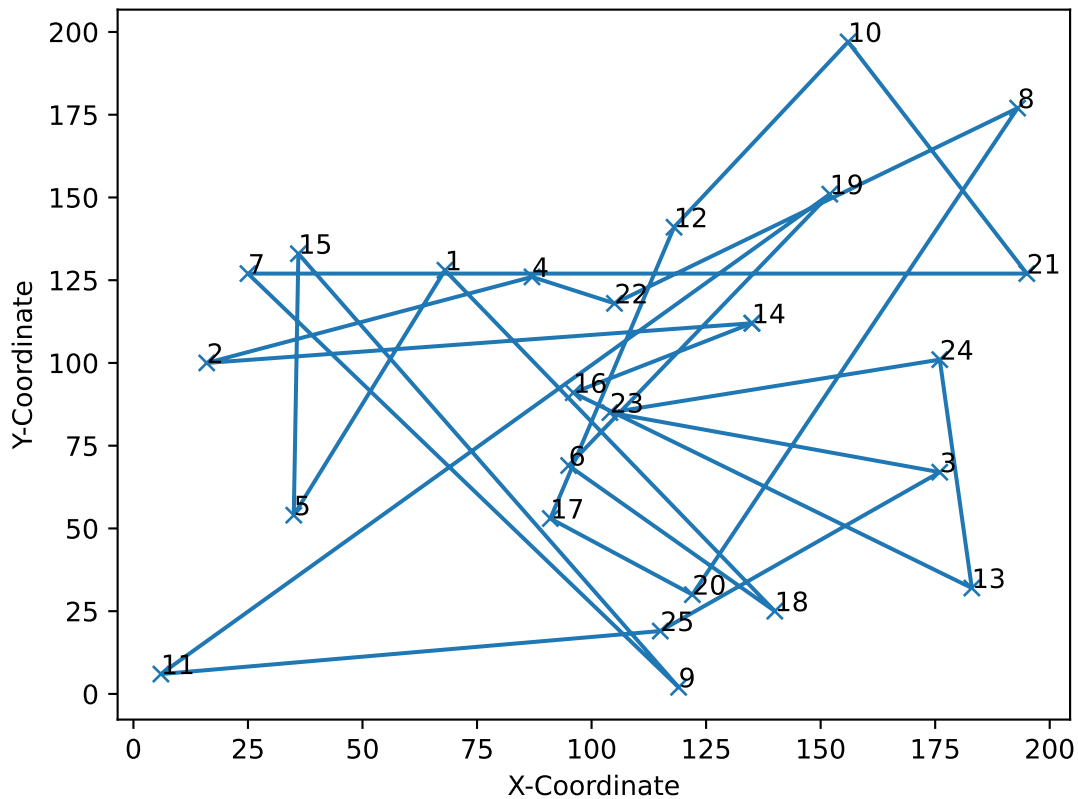
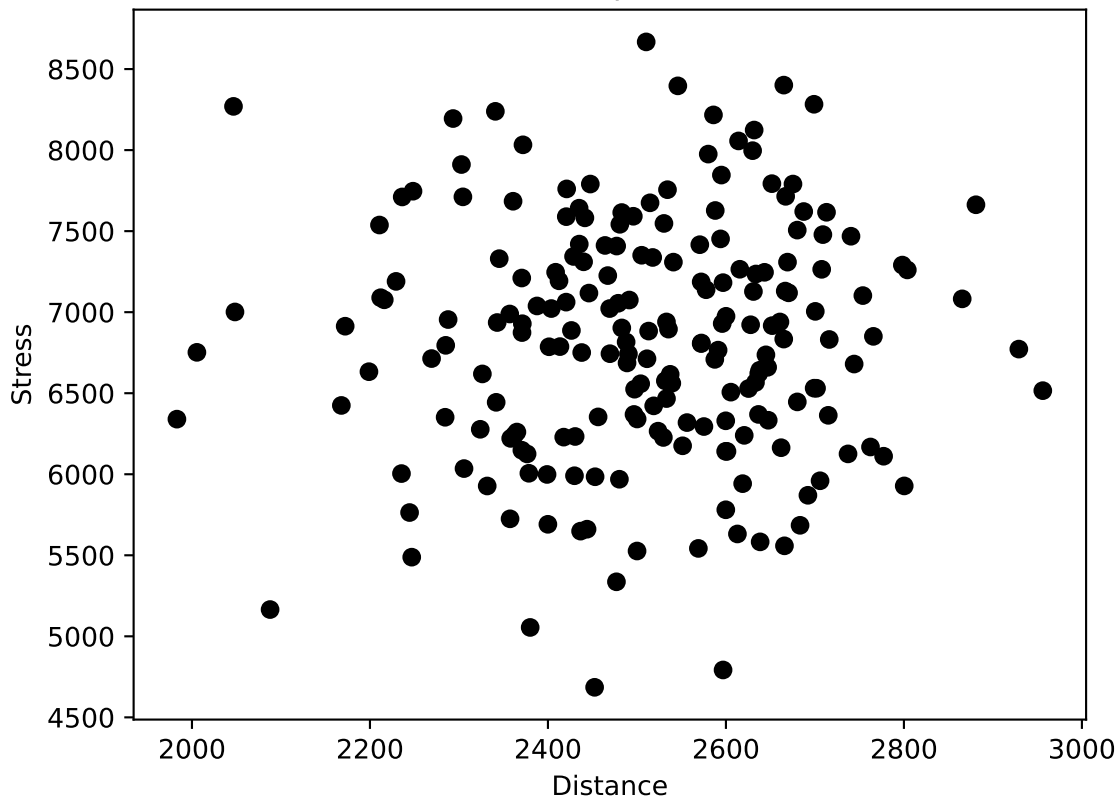


```
[1, 2, 3, 4, 5,  
 6, 7, 8, 9, 10,  
11, 12, 13, 14, 15,  
16, 17, 18, 19, 20,  
21, 22, 23, 24, 25]
```

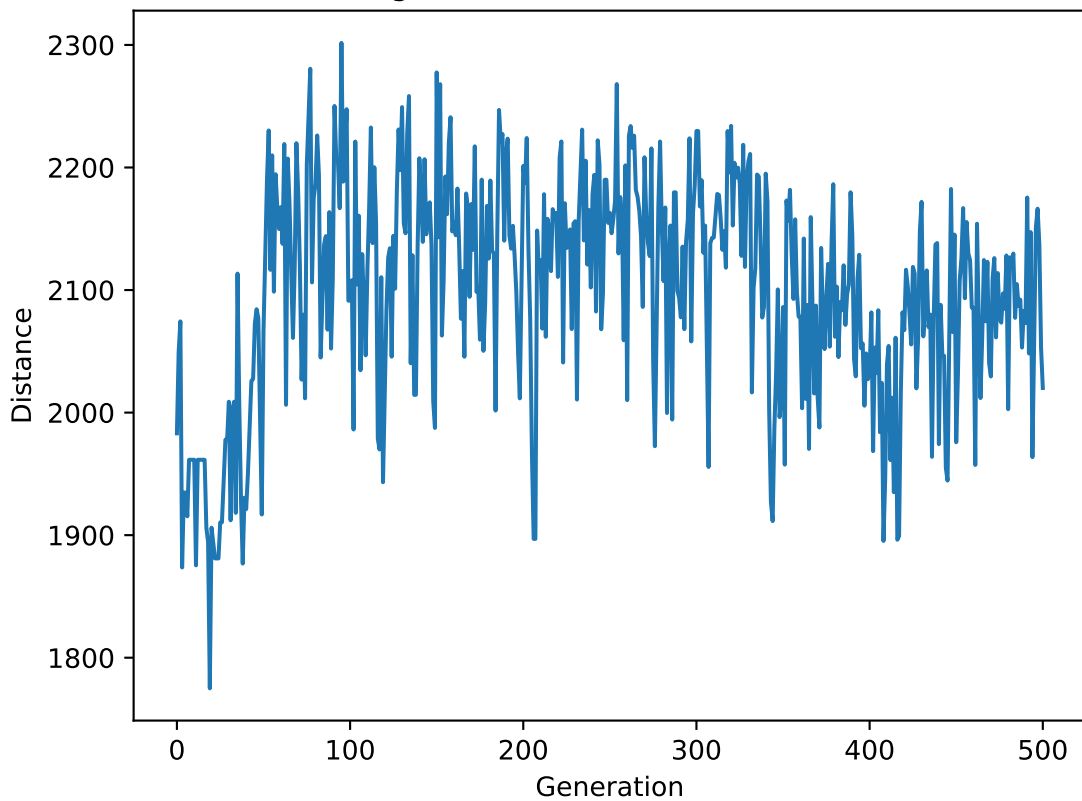
Best initial route



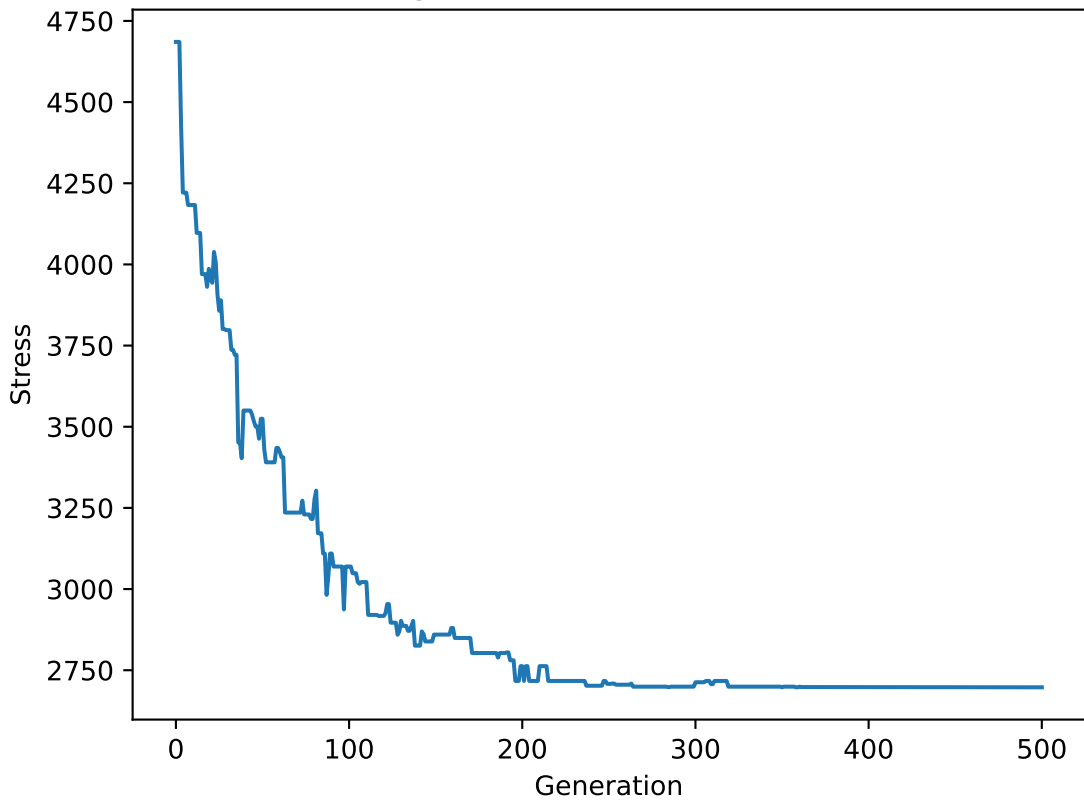
Initial Population



Progress of Distance Minimization

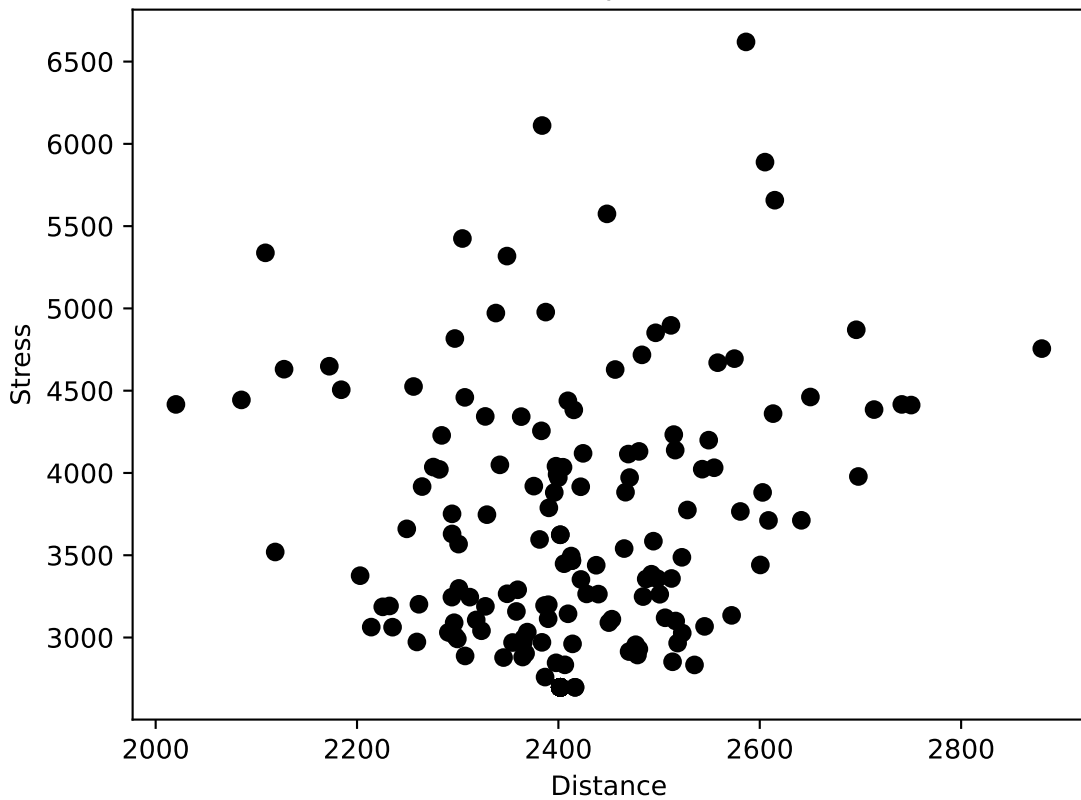


Progress of Stress Minimization



Initial distance : 2452.450588775557  
Initial stress: 4685.400000000001  
Initial objective: 4685.400000000001  
Final objective: 2697.399999999996  
Final distance : 2401.8751090149026  
Final stress: 2697.399999999996

Final Population



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



Best final route

