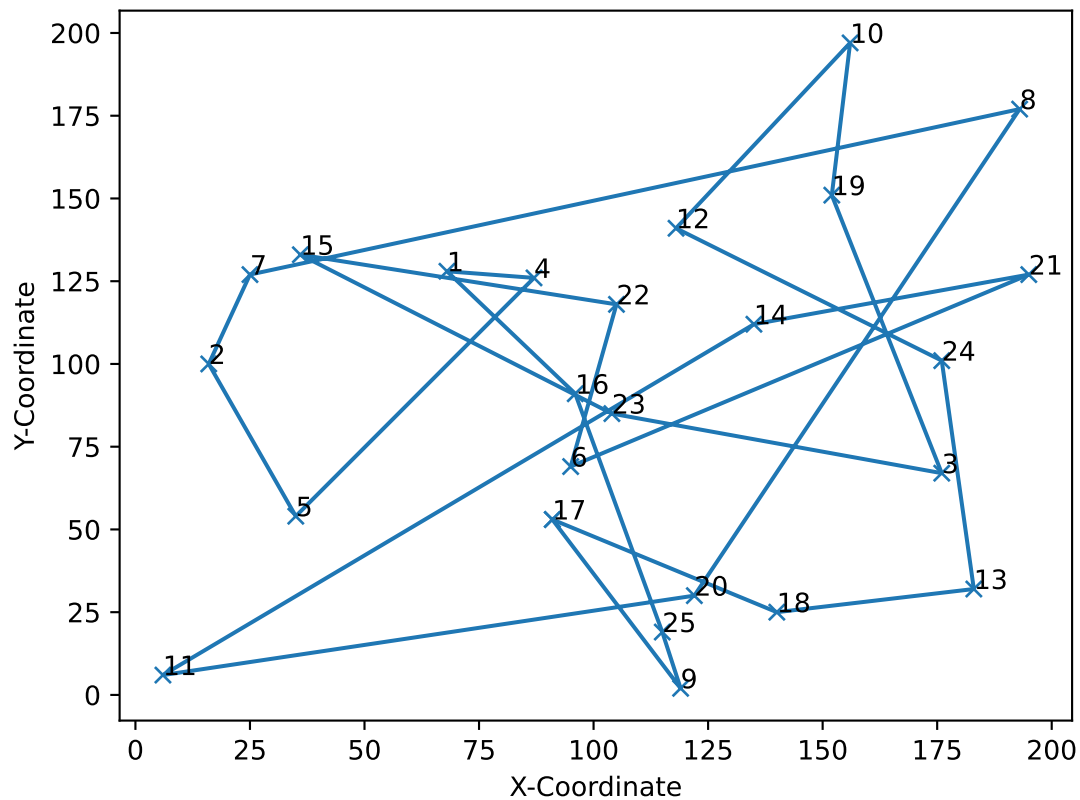
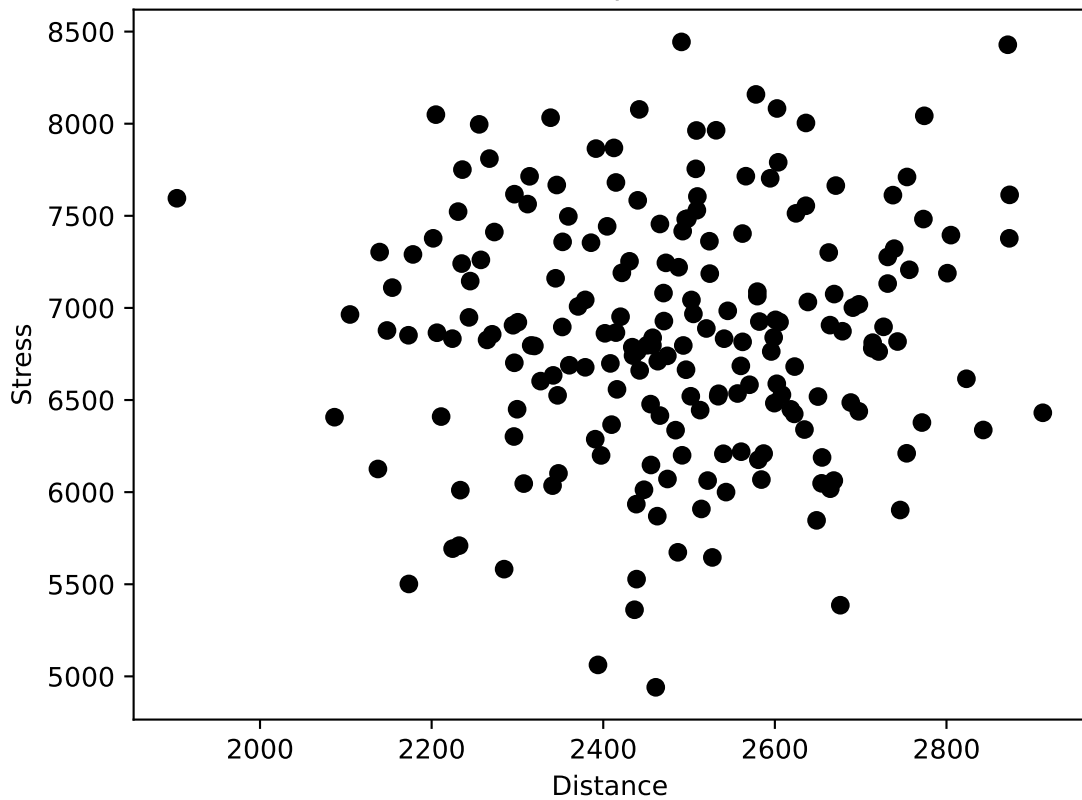


```
[1, 2, 3, 4, 5,  
 6, 7, 8, 9, 10,  
11, 12, 13, 14, 15,  
16, 17, 18, 19, 20,  
21, 22, 23, 24, 25]
```

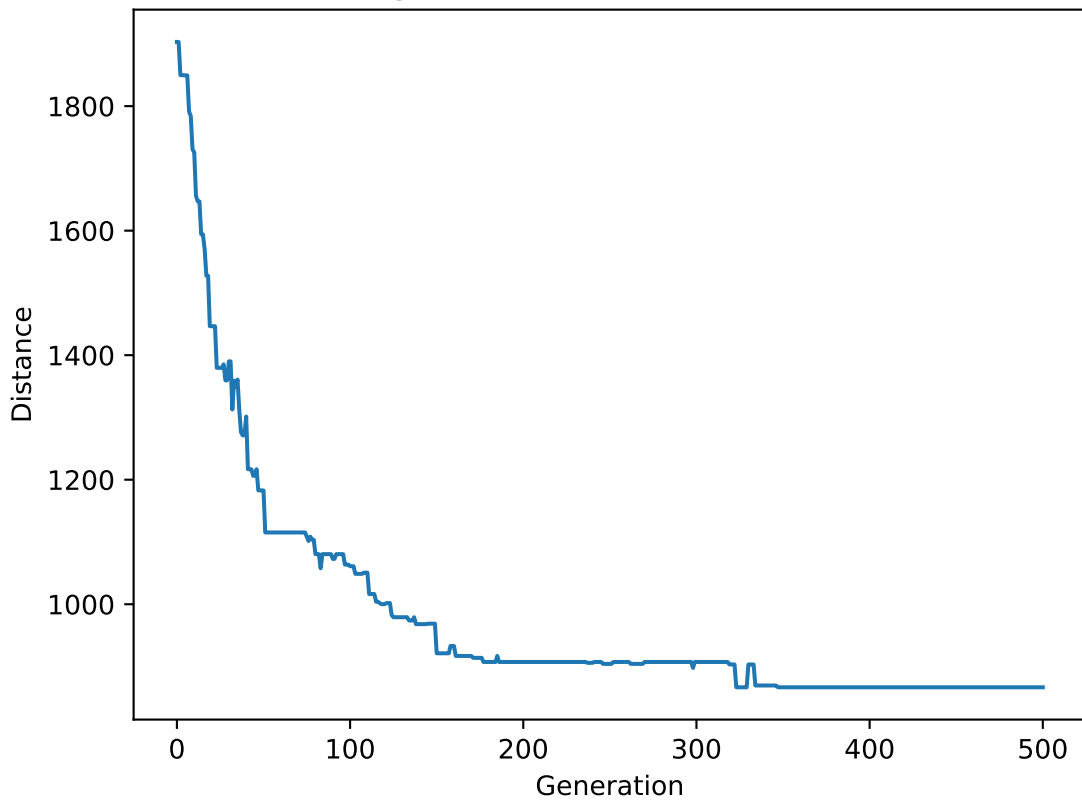
Best initial route



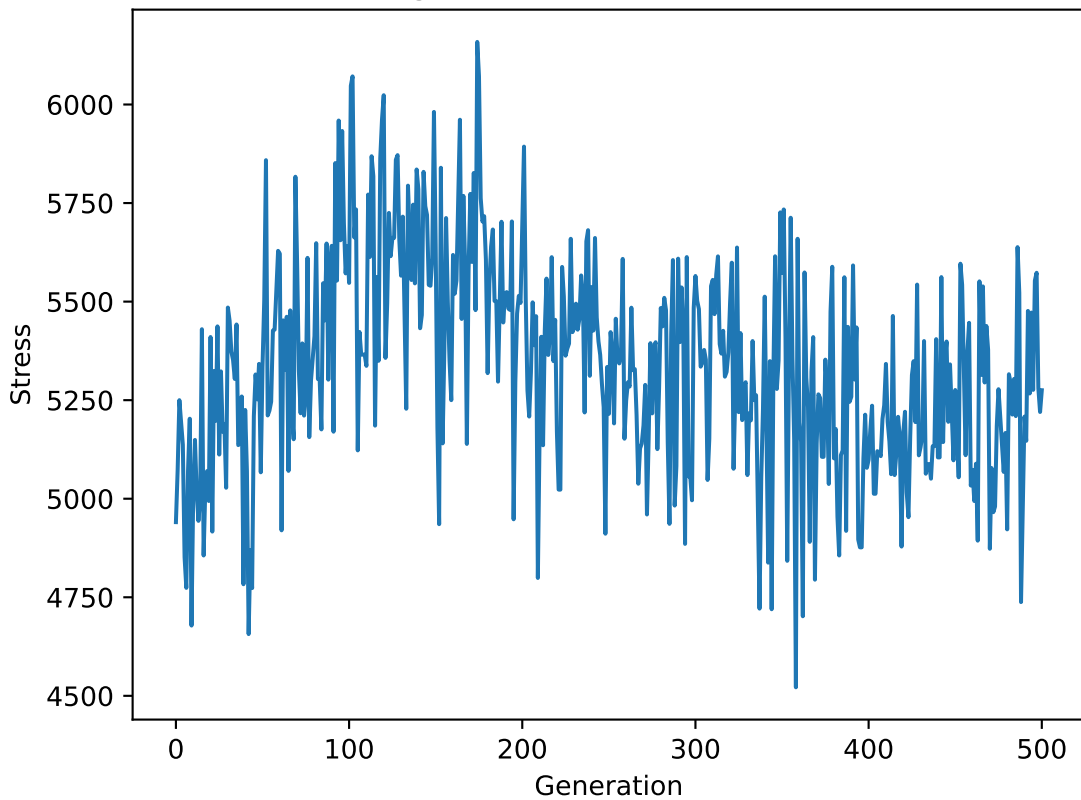
Initial Population



Progress of Distance Minimization

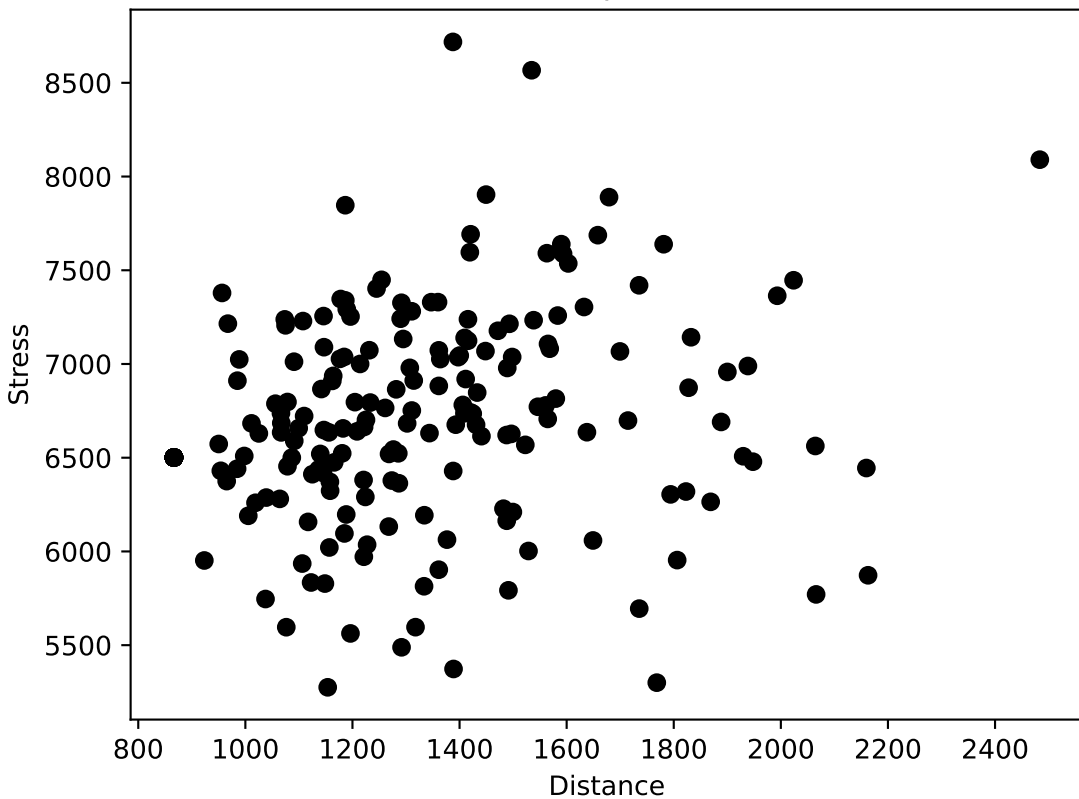


Progress of Stress Minimization



Initial distance : 1903.1550065883714  
Initial stress: 7595.2  
Initial objective: 1903.1550065883714  
Final objective: 866.5775241690226  
Final distance : 866.5775241690227  
Final stress: 6501.200000000001

Final Population



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



Best final route

