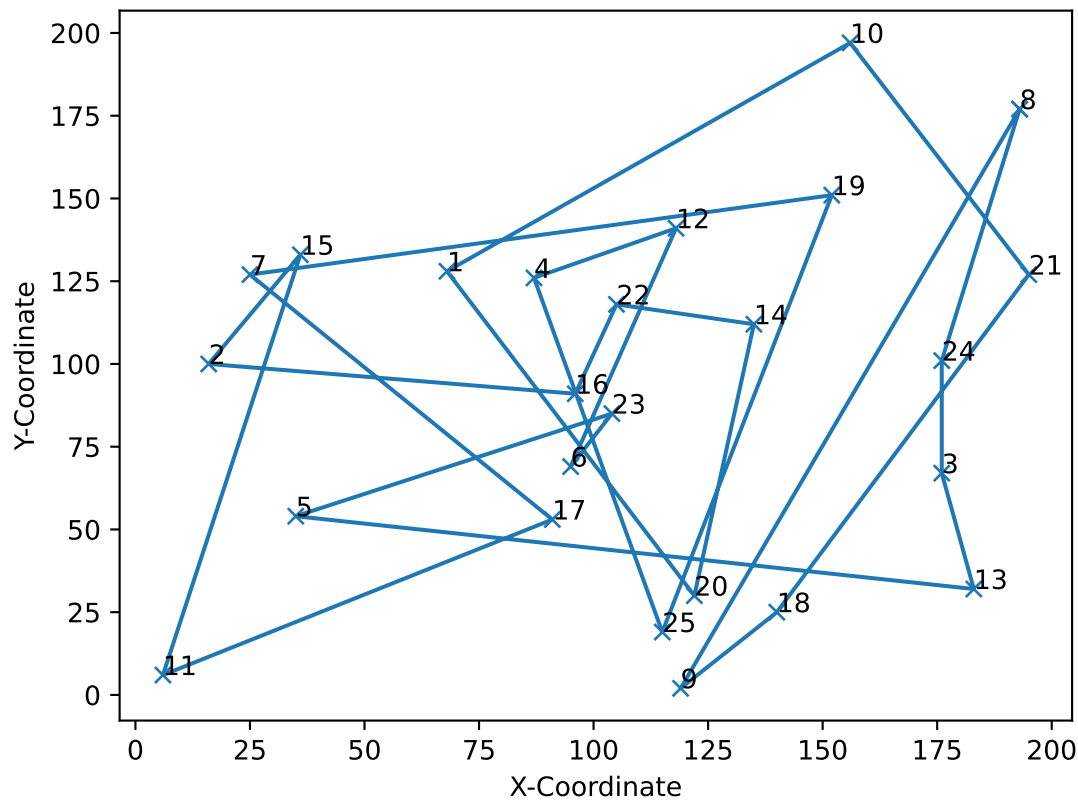
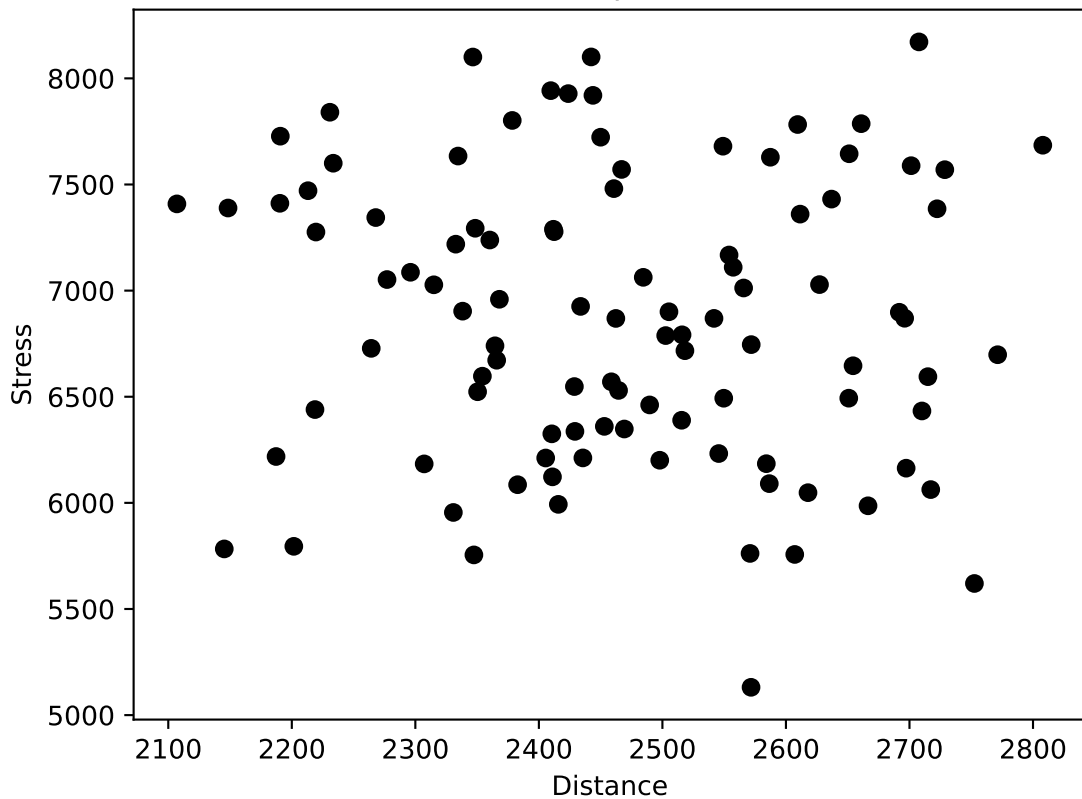


```
[1, 2, 3, 4, 5,  
 6, 7, 8, 9, 10,  
11, 12, 13, 14, 15,  
16, 17, 18, 19, 20,  
21, 22, 23, 24, 25]
```

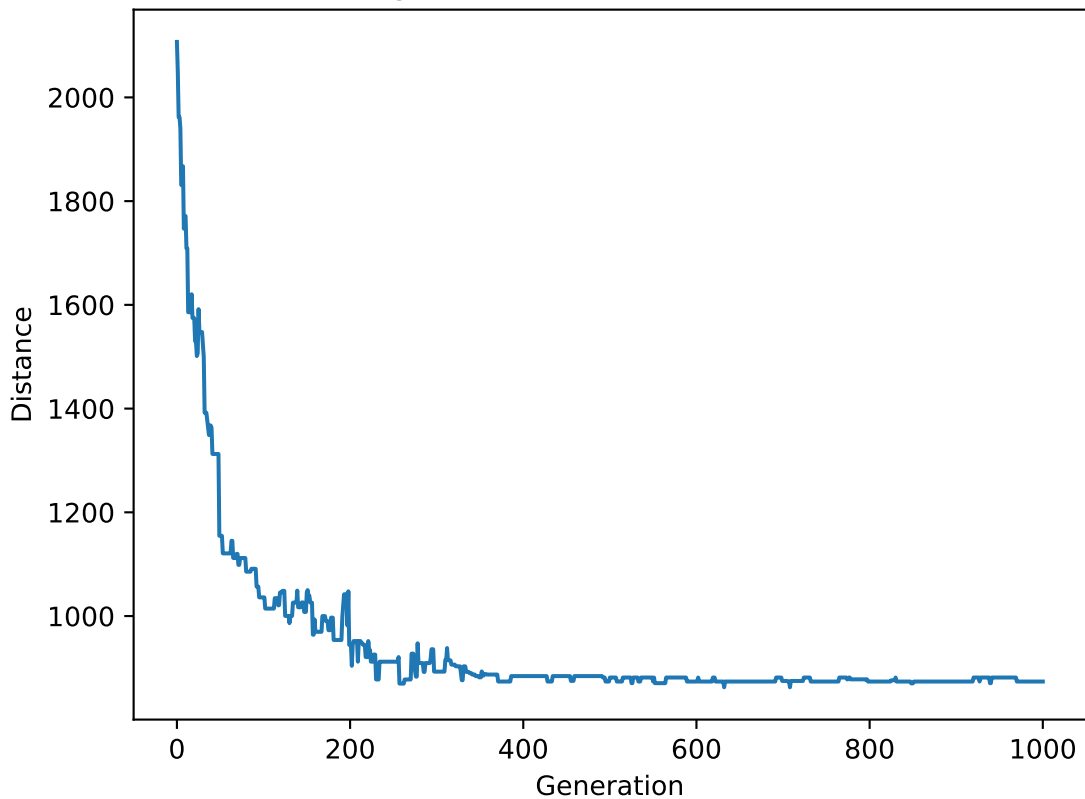
Best initial route



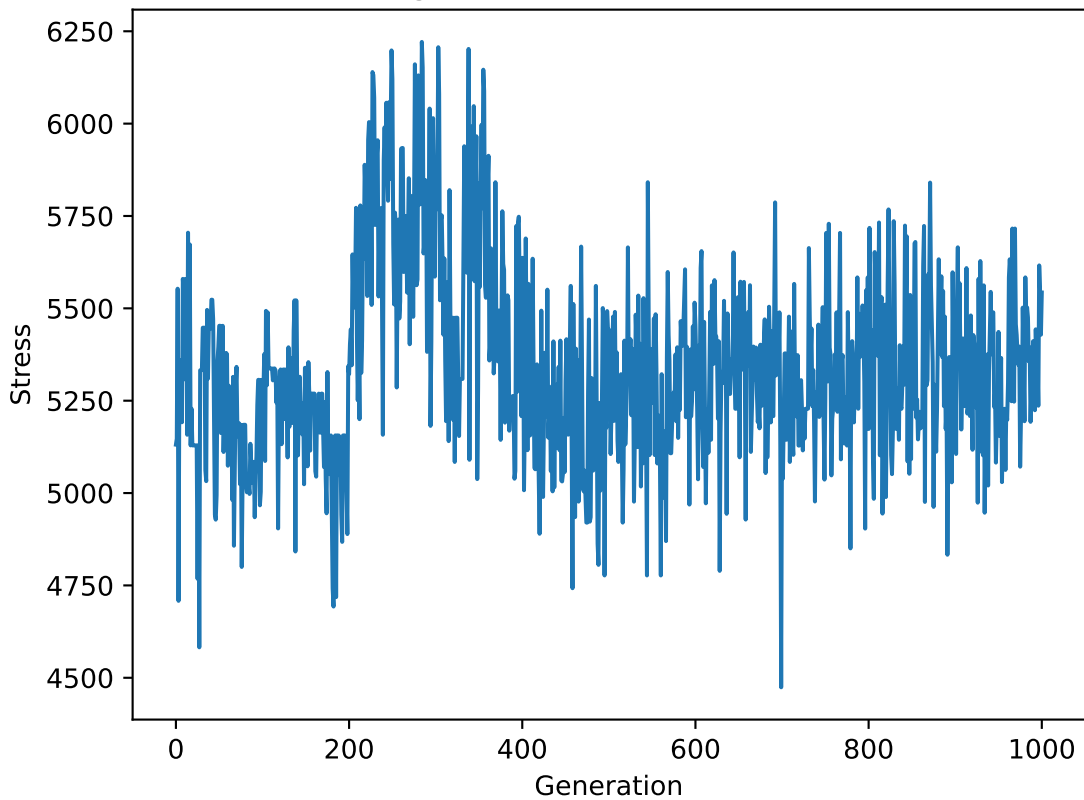
Initial Population



Progress of Distance Minimization

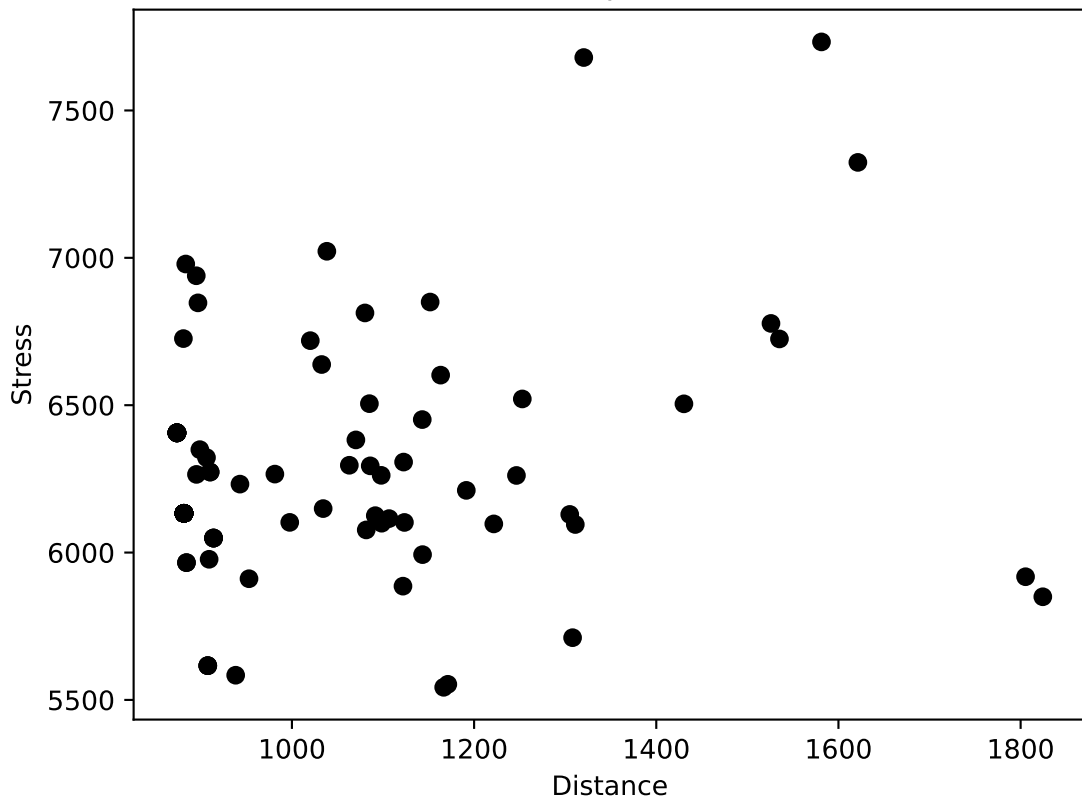


Progress of Stress Minimization



Initial distance : 2106.9920164794016  
Initial stress: 7408.6  
Initial objective: 2106.9920164794016  
Final objective: 873.7395267357563  
Final distance : 873.7395267357563  
Final stress: 6406.2

Final Population



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



Best final route

