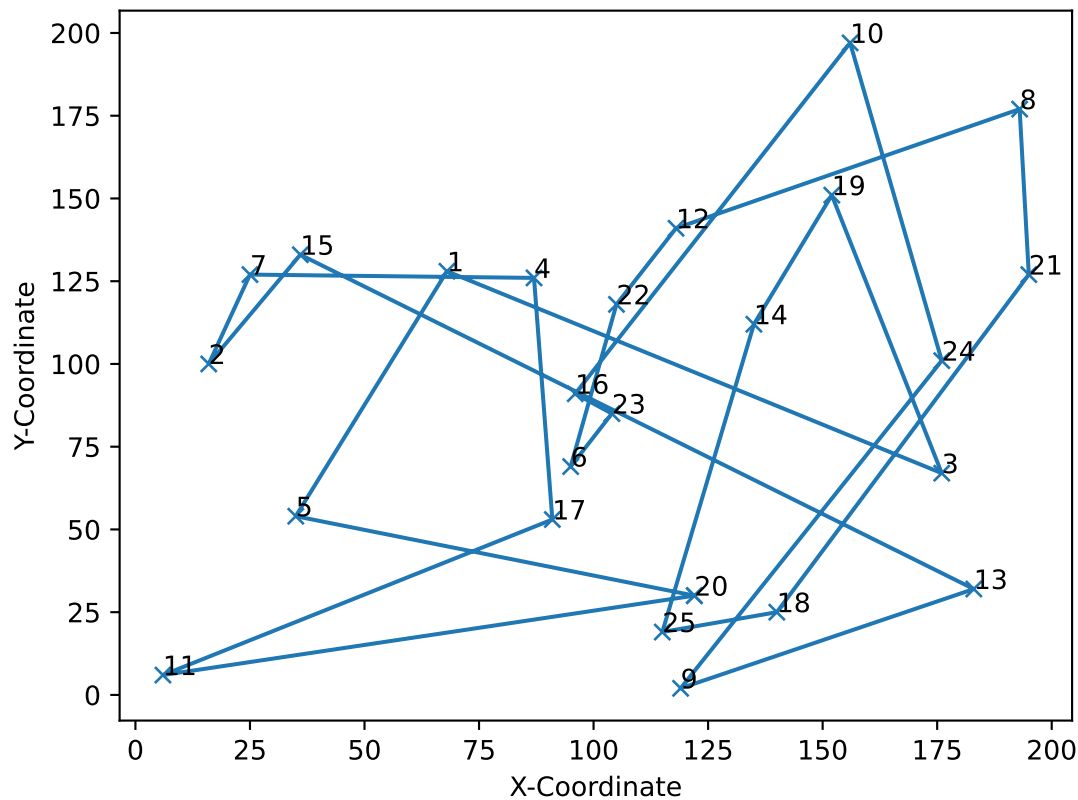
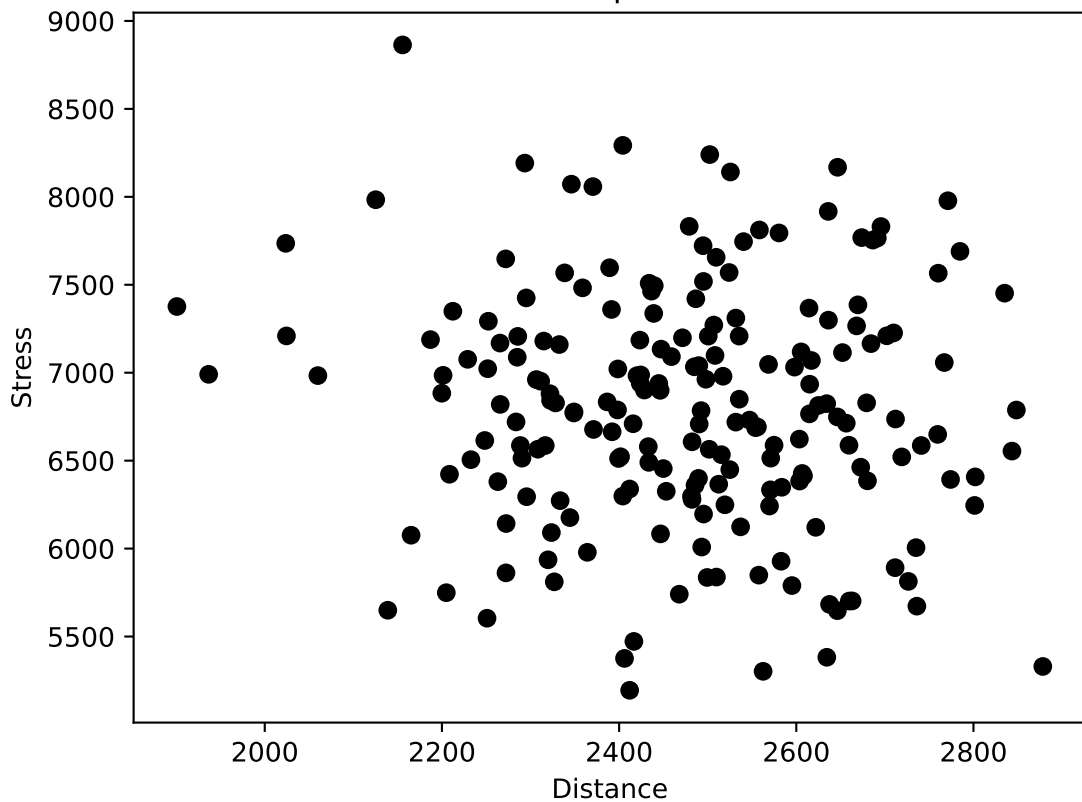


```
[1, 2, 3, 4, 5,  
 6, 7, 8, 9, 10,  
11, 12, 13, 14, 15,  
16, 17, 18, 19, 20,  
21, 22, 23, 24, 25]
```

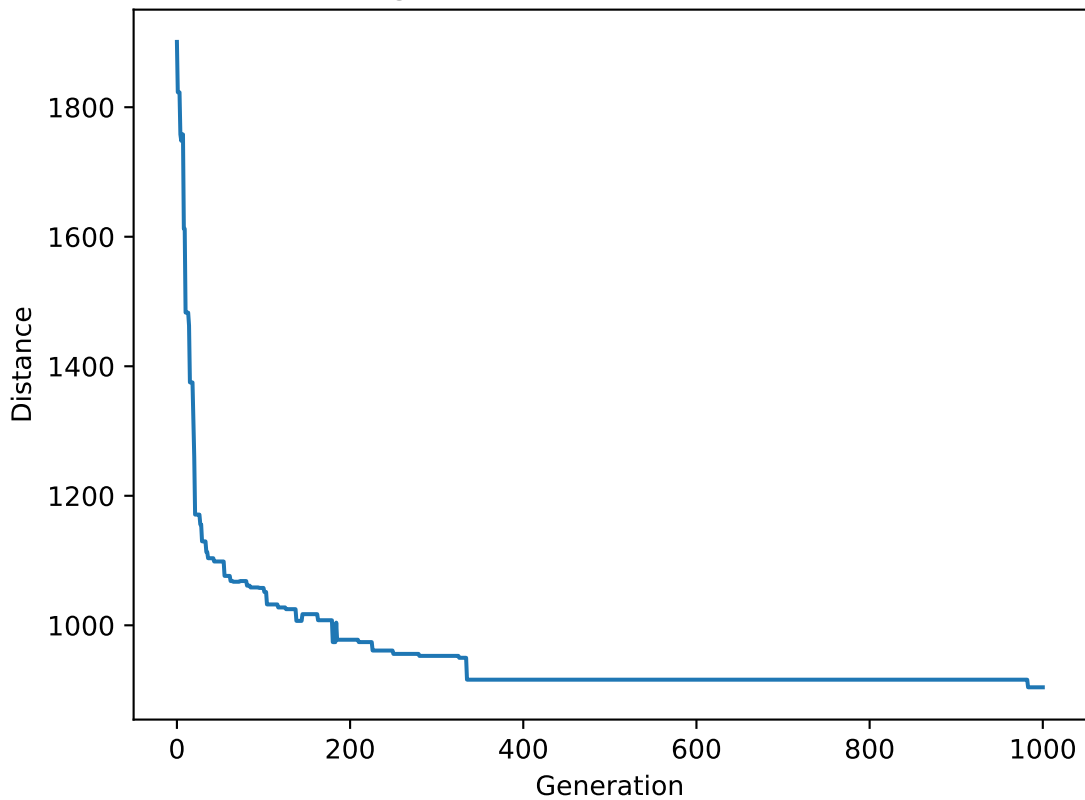
Best initial route



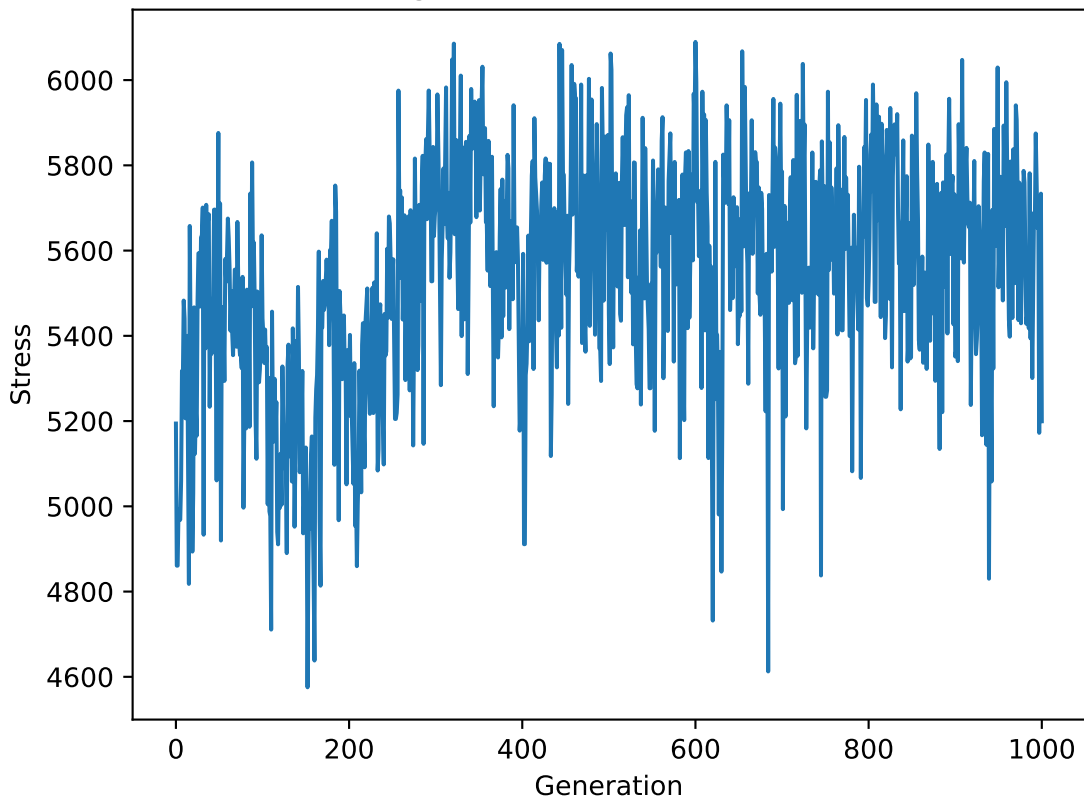
Initial Population



Progress of Distance Minimization

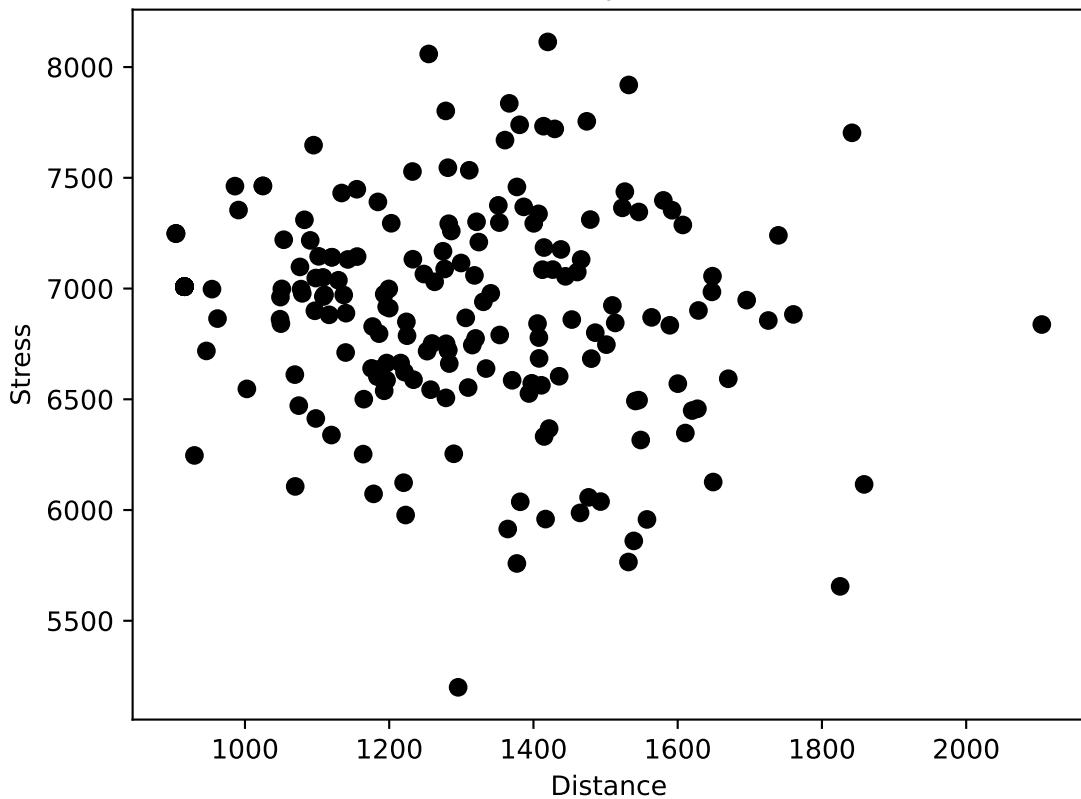


Progress of Stress Minimization



Initial distance : 1900.8435820069371  
Initial stress: 7376.4  
Initial objective: 1900.8435820069374  
Final objective: 904.2574333062615  
Final distance : 904.2574333062615  
Final stress: 7248.400000000001

Final Population



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



Best final route

