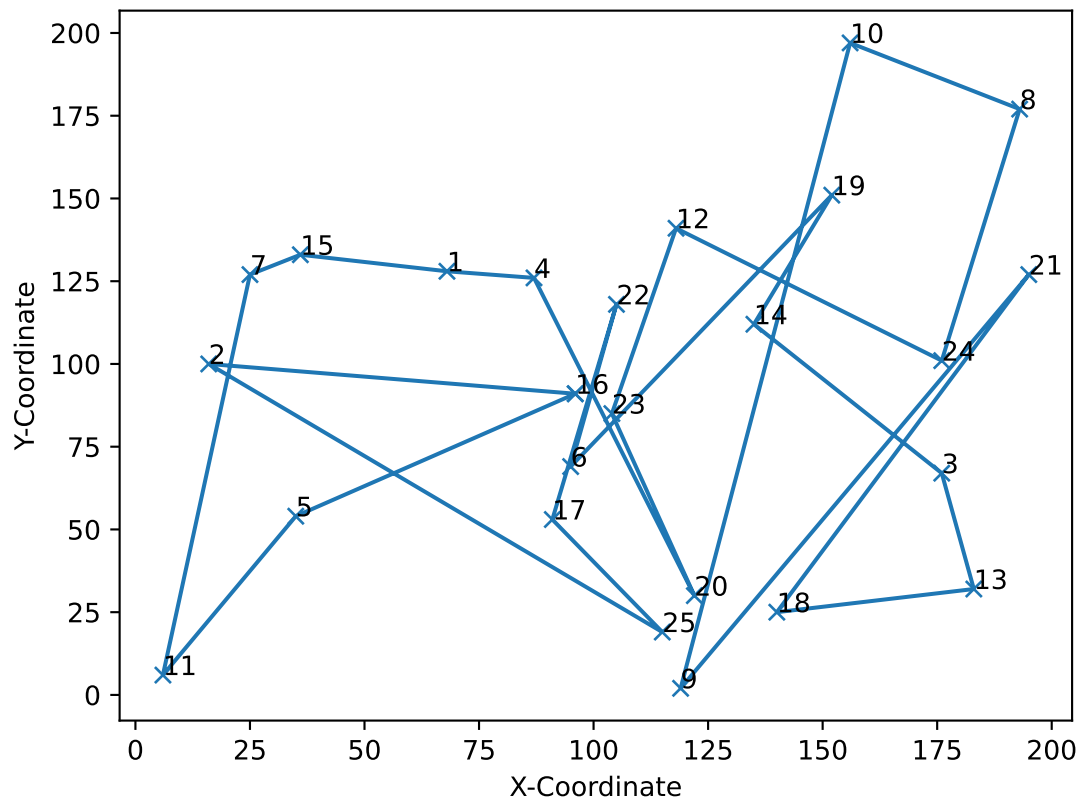
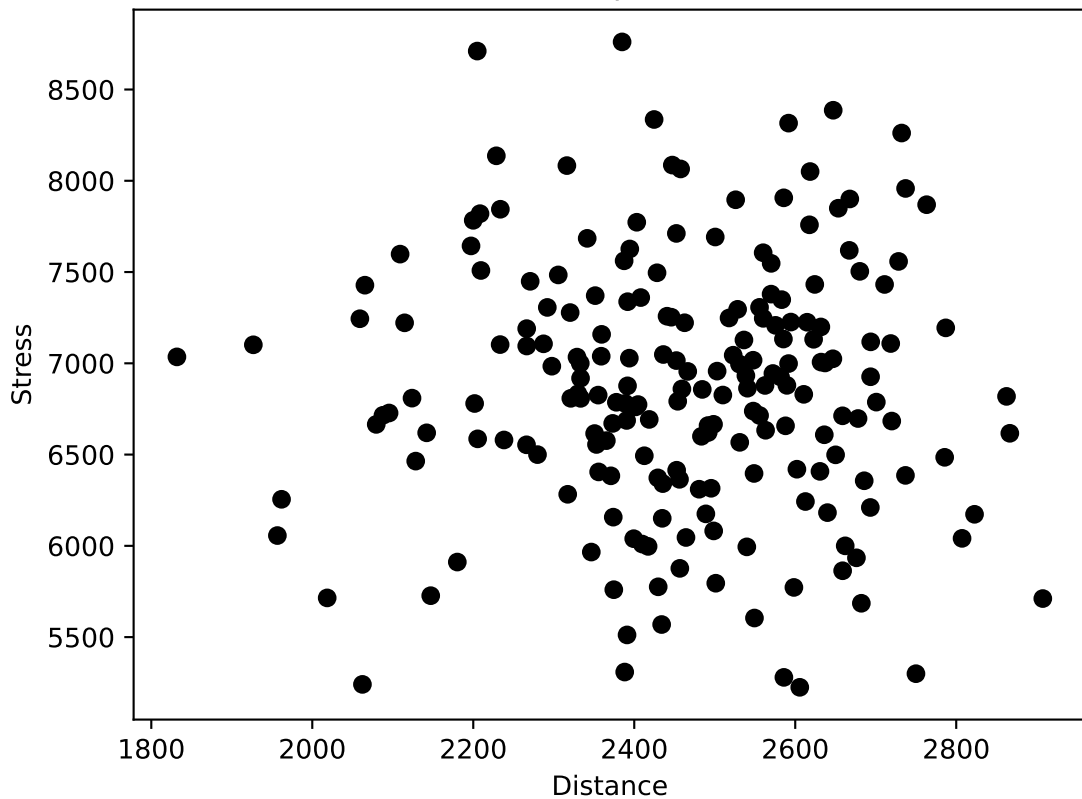


```
[1, 2, 3, 4, 5,  
 6, 7, 8, 9, 10,  
11, 12, 13, 14, 15,  
16, 17, 18, 19, 20,  
21, 22, 23, 24, 25]
```

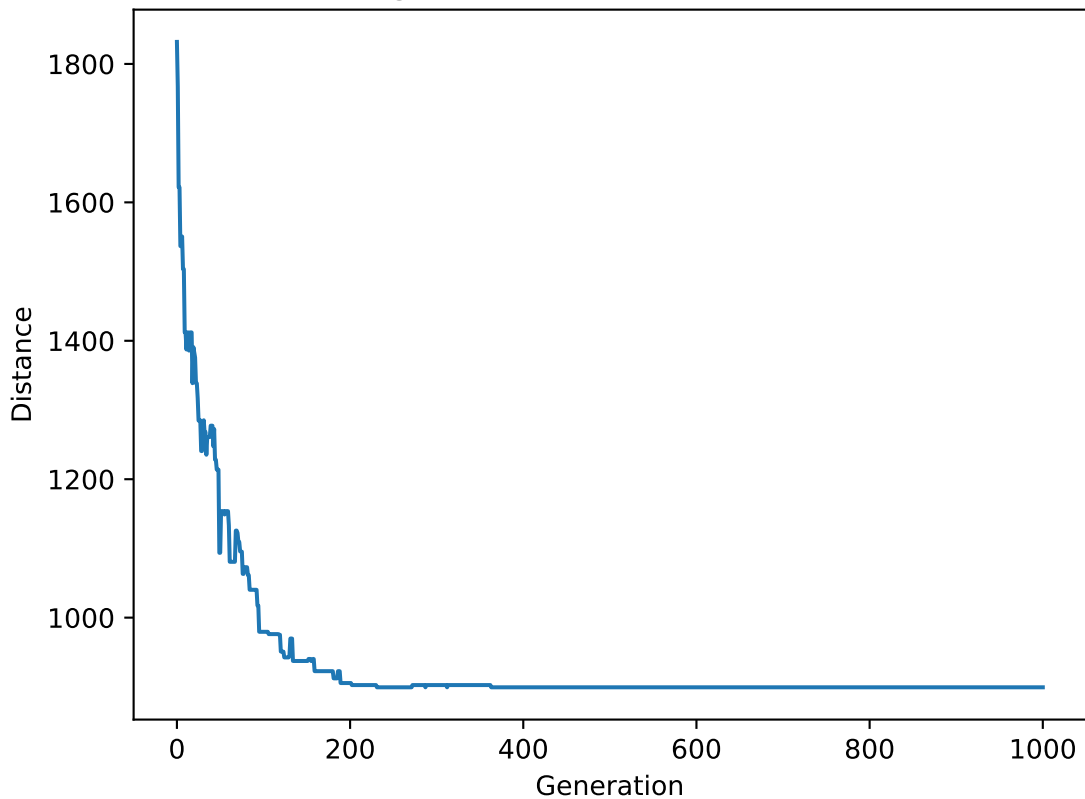
Best initial route



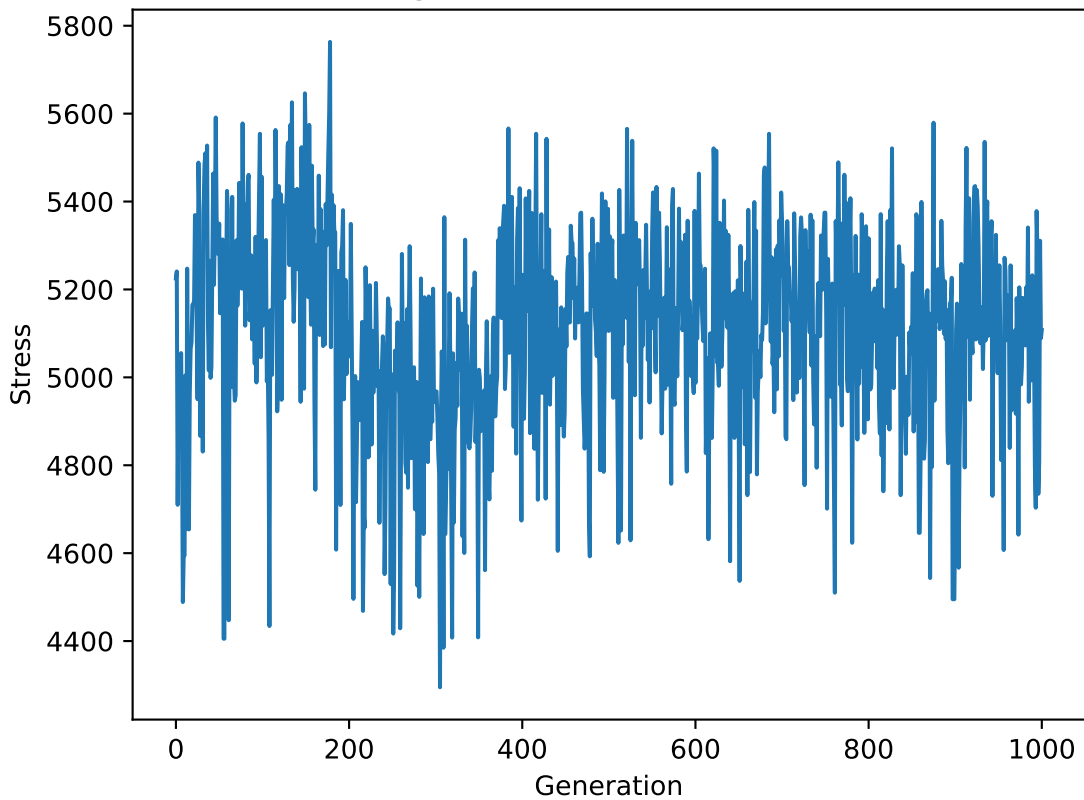
Initial Population



Progress of Distance Minimization

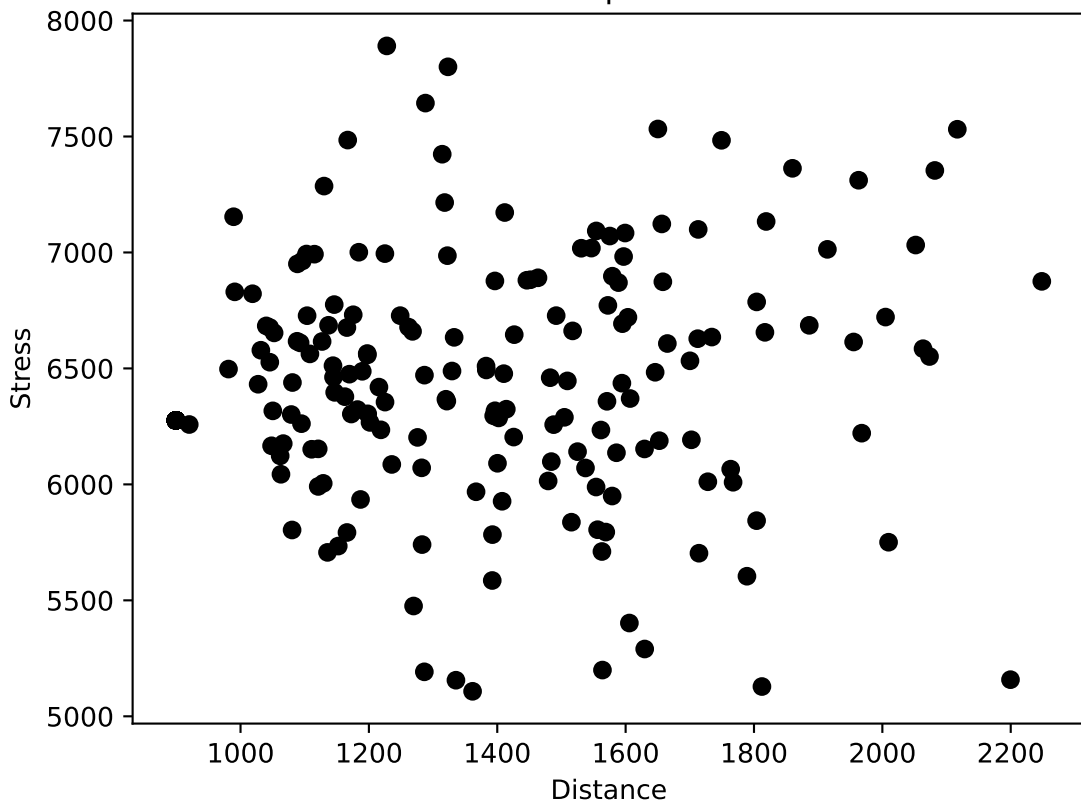


Progress of Stress Minimization



Initial distance : 1831.834170348385
Initial stress: 7035.2
Initial objective: 1831.8341703483848
Final objective: 899.3342467245592
Final distance : 899.3342467245593
Final stress: 6276.2

Final Population



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


Best final route

