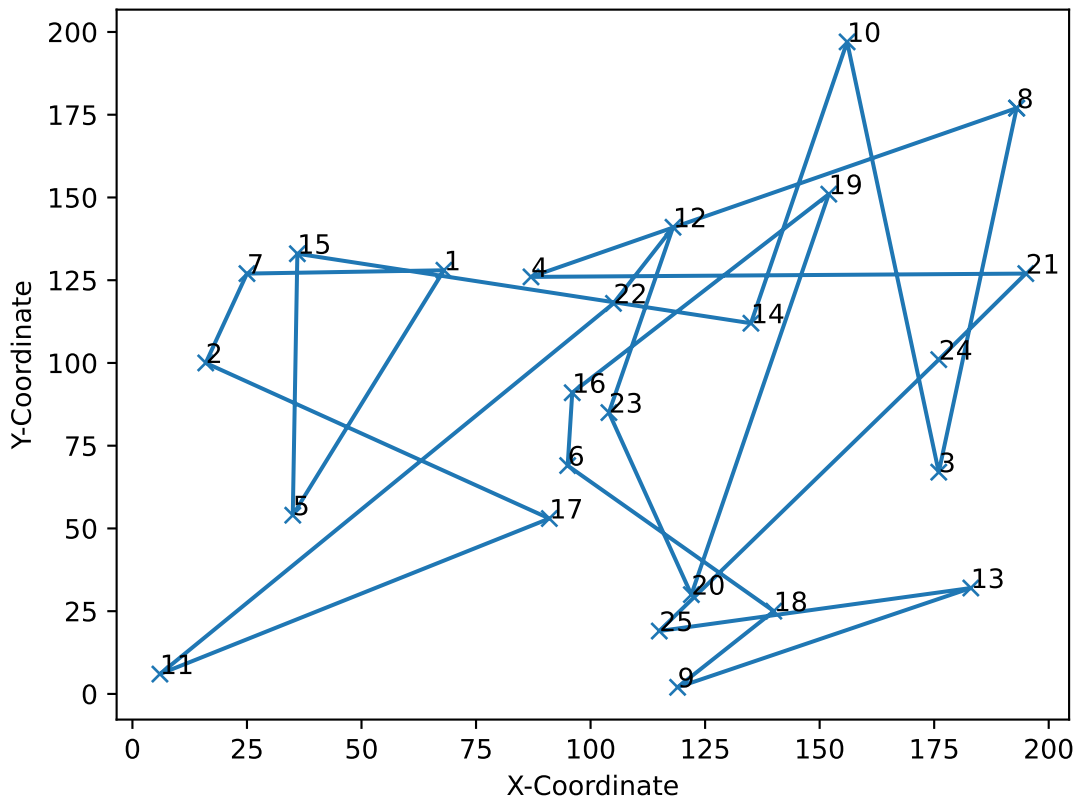
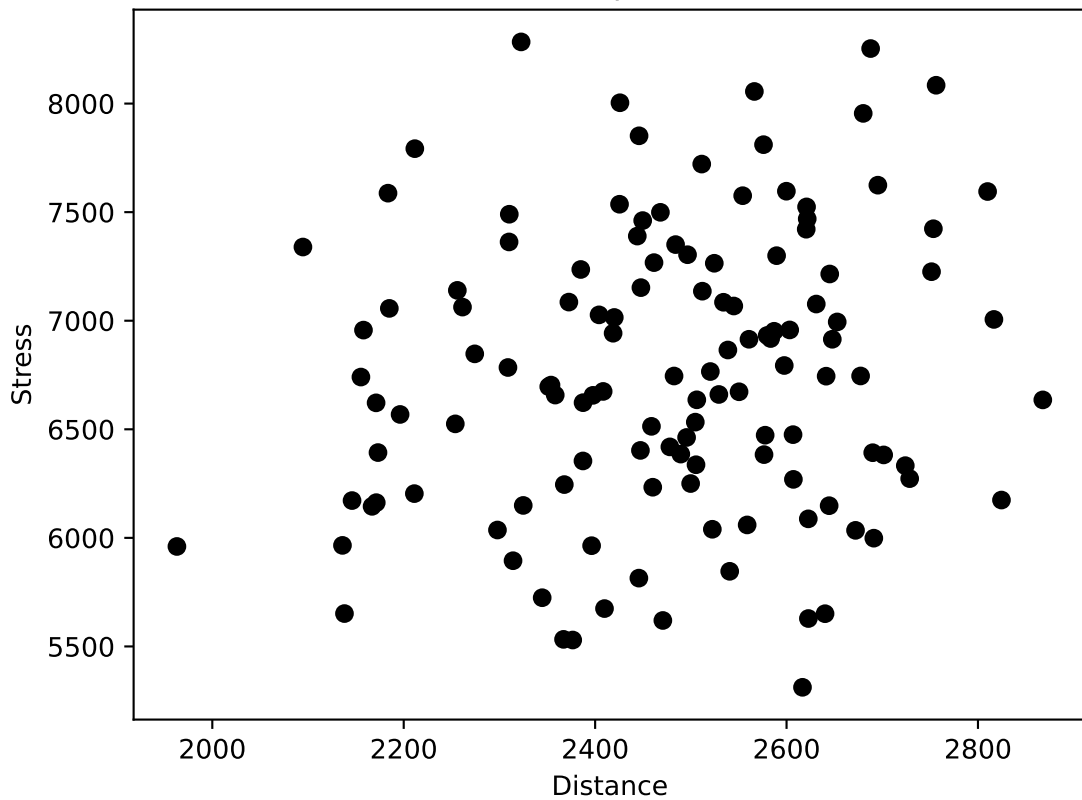


Objective: 1 | popSize: 125 | eliteSize: 10 | mutationRate: 0.01 | generations: 1000

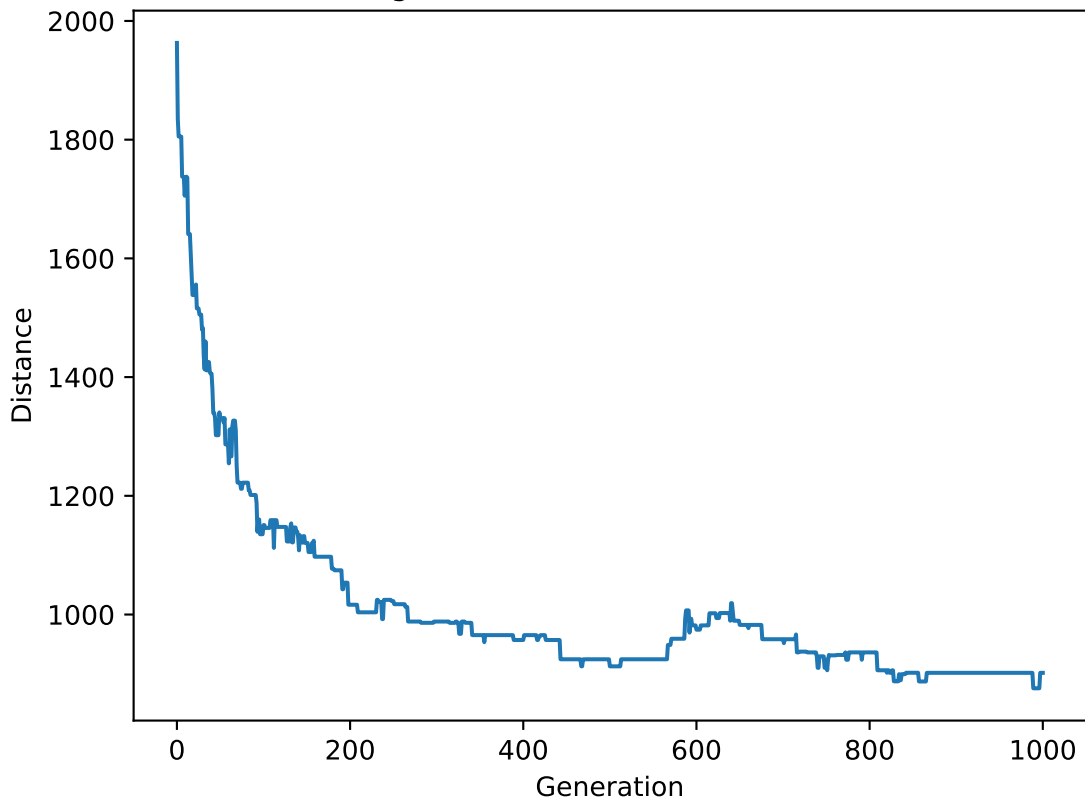
The graph consists of 25 nodes and 25 edges. The nodes are labeled 1 through 25. The x-axis is labeled 'X-Coordinate' and ranges from 0 to 200. The y-axis is unlabeled but ranges from 0 to 100. The graph is connected and contains several cycles. The graph is drawn with blue lines and 'x' marks for nodes.



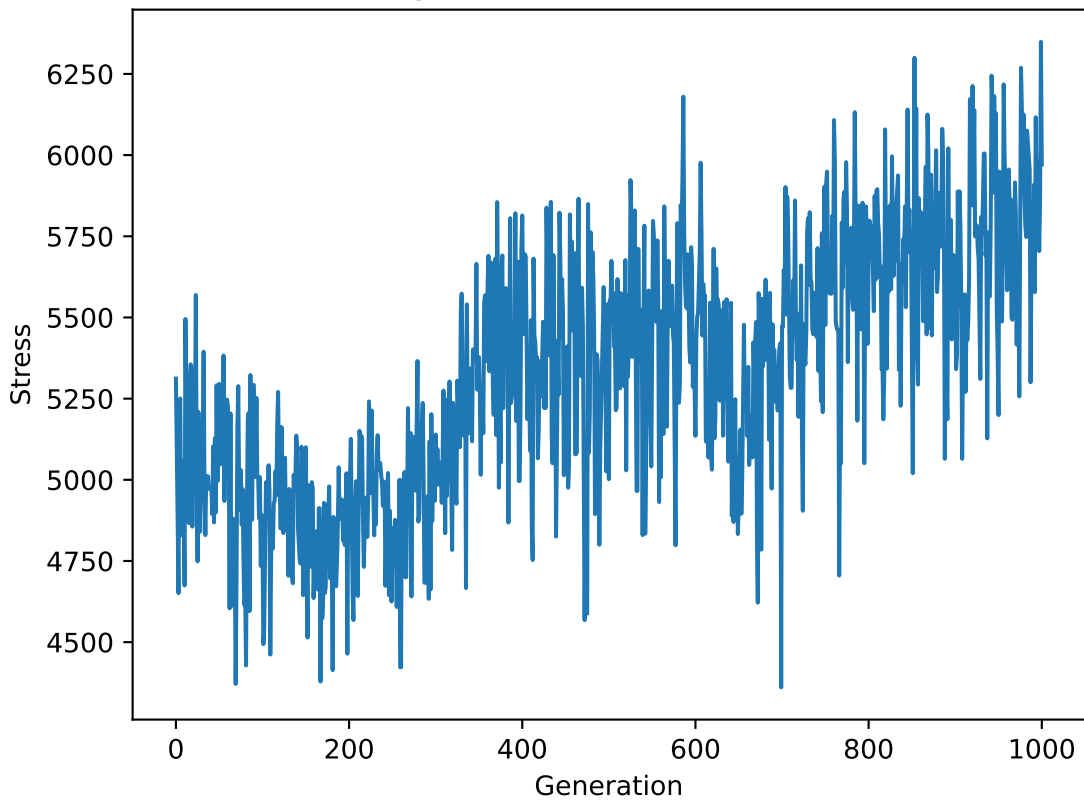
Initial Population



Progress of Distance Minimization

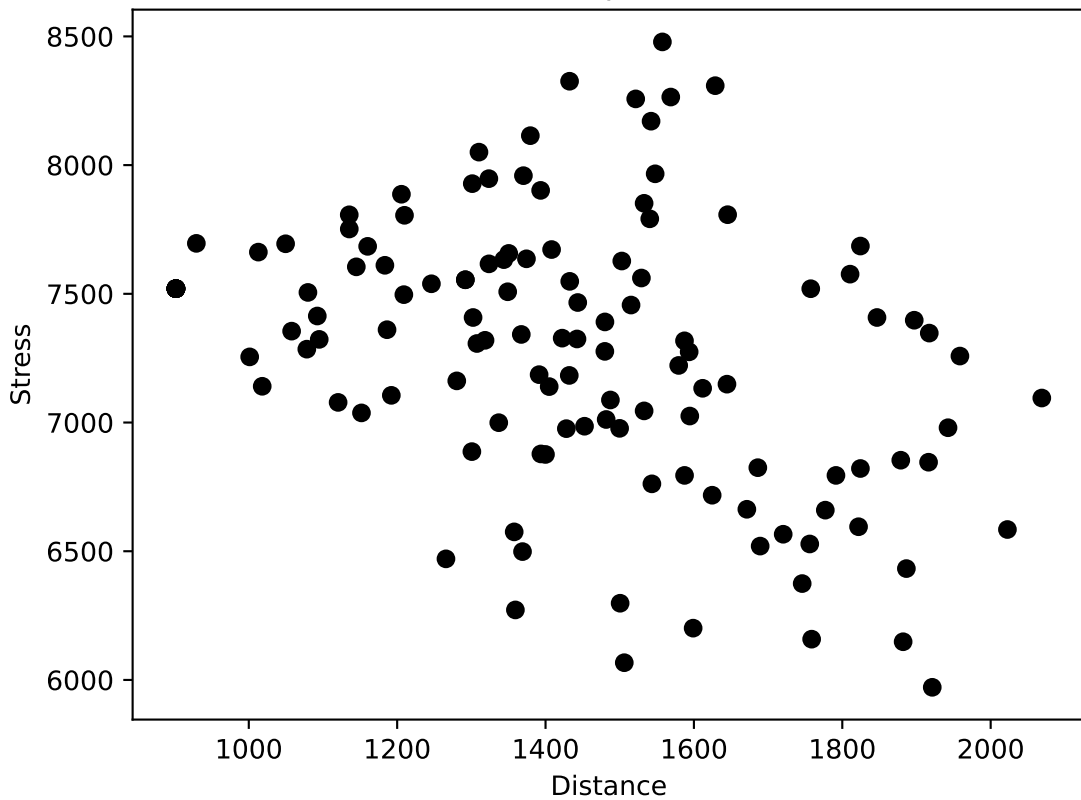


Progress of Stress Minimization



Initial distance : 1963.0250338819258  
Initial stress: 5960.4  
Initial objective: 1963.0250338819258  
Final objective: 901.7752386676201  
Final distance : 901.7752386676201  
Final stress: 7520.0

Final Population



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



Best final route

