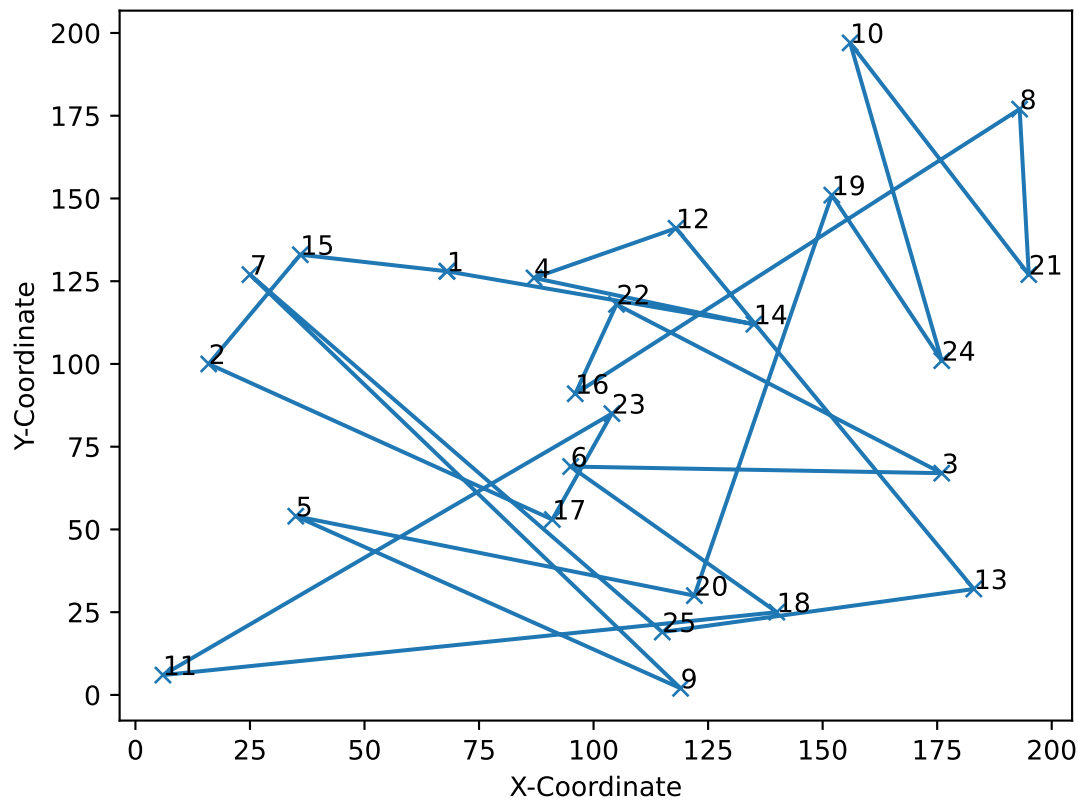
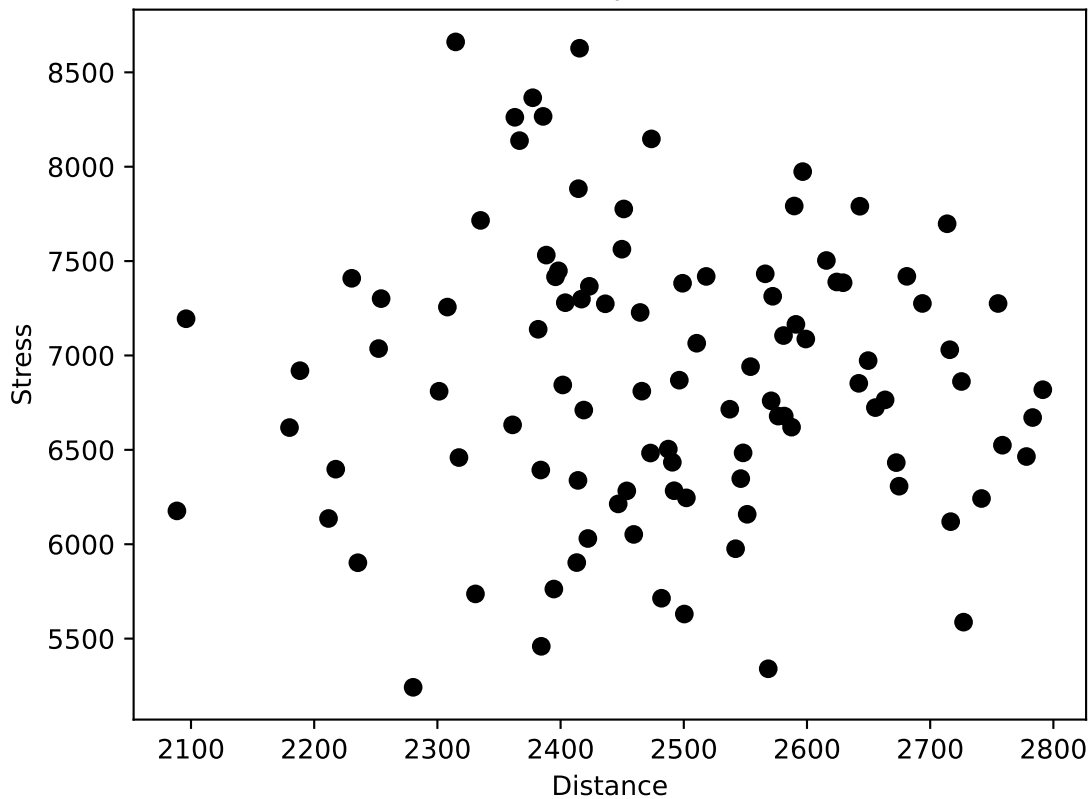


[C1\_(68,128)\_(T:8), C2\_(16,100)\_(T:14), C3\_(176,67)\_(T:7), C4\_(87,126)\_(T:27), C5\_(35,54)\_(T:38),  
C6\_(95,69)\_(T:1), C7\_(25,127)\_(T:12), C8\_(193,177)\_(T:23), C9\_(119,2)\_(T:4), C10\_(156,197)\_(T:11),  
C11\_(6,6)\_(T:9), C12\_(118,141)\_(T:6), C13\_(183,32)\_(T:39), C14\_(135,112)\_(T:24), C15\_(36,133)\_(T:9),  
C16\_(96,91)\_(T:12), C17\_(91,53)\_(T:16), C18\_(140,25)\_(T:37), C19\_(152,151)\_(T:24), C20\_(122,30)\_(T:15),  
C21\_(195,127)\_(T:31), C22\_(105,118)\_(T:3), C23\_(104,85)\_(T:25), C24\_(176,101)\_(T:12), C25\_(115,19)\_(T:26)]

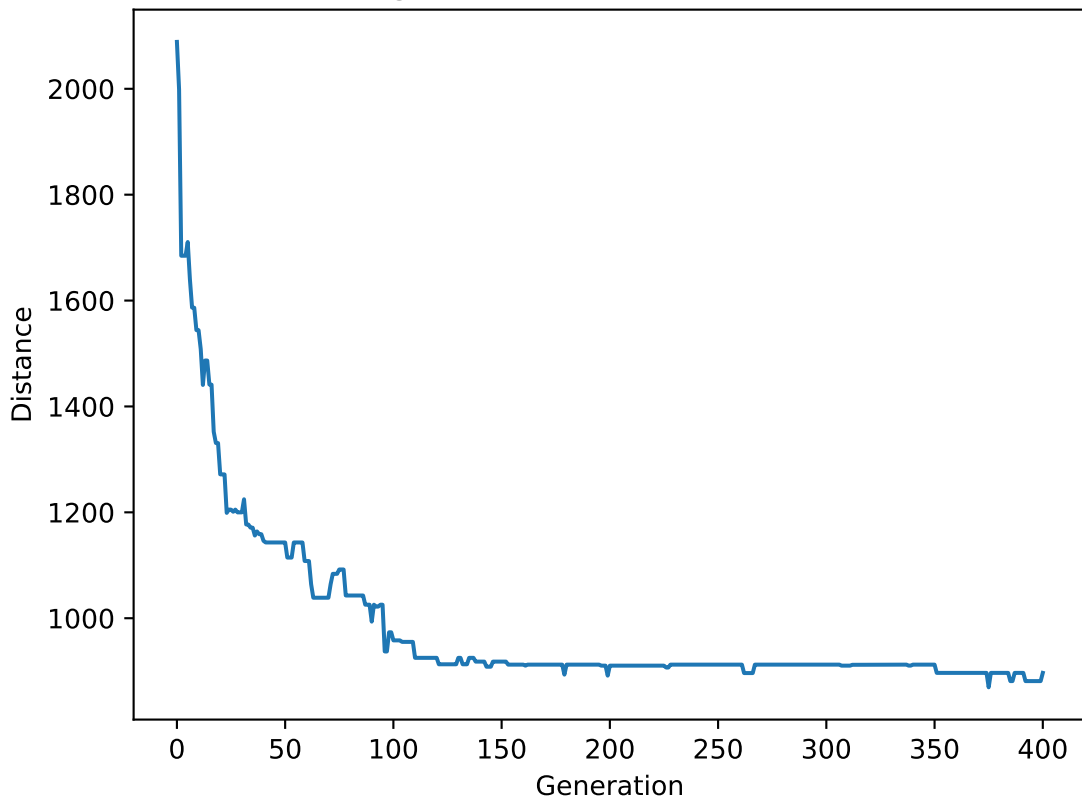
Best initial route



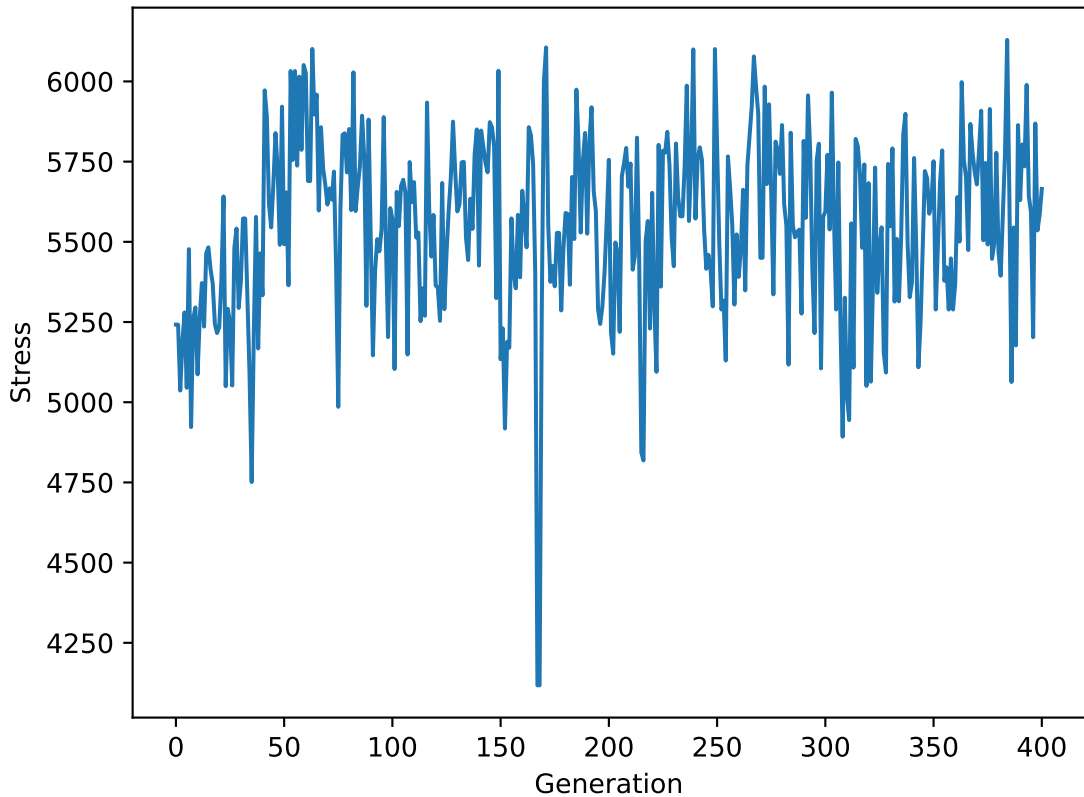
Initial Population



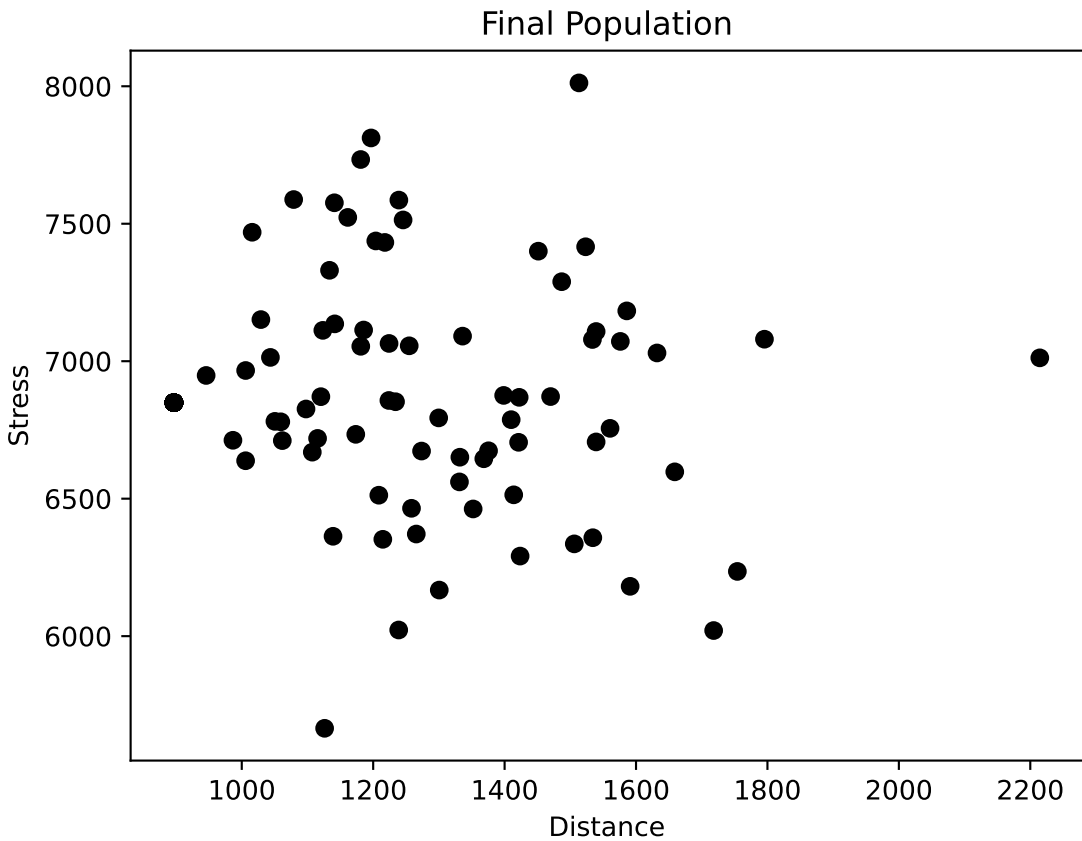
Progress of Distance Minimization



Progress of Stress Minimization



Initial distance : 2088.5648720114596  
Initial stress: 6176.6  
Initial objective: 2088.5648720114596  
Final objective: 896.7483249008682  
Final distance : 896.7483249008683  
Final stress: 6849.2



[C21\_(195,127)\_(T:31), C8\_(193,177)\_(T:23), C10\_(156,197)\_(T:11), C19\_(152,151)\_(T:24), C14\_(135,112)\_(T:24),  
C12\_(118,141)\_(T:6), C4\_(87,126)\_(T:27), C22\_(105,118)\_(T:3), C1\_(68,128)\_(T:8), C15\_(36,133)\_(T:9),  
C7\_(25,127)\_(T:12), C2\_(16,100)\_(T:14), C5\_(35,54)\_(T:38), C11\_(6,6)\_(T:9), C17\_(91,53)\_(T:16),  
C6\_(95,69)\_(T:1), C16\_(96,91)\_(T:12), C23\_(104,85)\_(T:25), C20\_(122,30)\_(T:15), C25\_(115,19)\_(T:26),  
C9\_(119,2)\_(T:4), C18\_(140,25)\_(T:37), C13\_(183,32)\_(T:39), C3\_(176,67)\_(T:7), C24\_(176,101)\_(T:12)]



Best final route

