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Algorithm A: Simulated Annealing	
Algorithm B: Genetic Algorithm	
Description of enhancement of Algorithm A:	
Instead of using the Boltzmann distribution I have function. This has provided not only a quicker executurn has produced better quality tours in less time score each time, only the swapped cities distances distances (scores) in the successor tours.	cution time but also a lower tour score which in Moreover instead of recalculating the total tour
Both algorithms were tested on a 100 city tours w	rith sub 2 minute times on a 2017 MacBook Pro
Description of enhancement of Algorithm B:	
To enhance algorithm B I implemented the Island which migrate every 10 generations and the number pop_migrate variable. This was useful to reduce pwithin the population. I also created two splits rate better results. The roulette wheel random selection which picked the fittest children out of a subset of	ber of migrations is equal to the value of the remature convergence and introduce diversity ther than one in the crossover which produced n method was replaced with a tournament mode
I also set the iteration setting to 3500 iterations we having two populations running concurrently here the same iterations as the basic algorithm.	
Both algorithms were tested on a 100 city tours w	rith sub 2 minute times on a 2017 MacBook Pro