			0	Date	-
7	11	124		rage	

	+ 111124
#	Ant colony optimization for the Travelling
	Salesman problem:
	The foraging behaviour of ants has inspired the
	development of optimization algorithms that can
	some complex problems such as the Travelling
	Salesman problem (TSP). Ant colony optimization (Aco)
	Simulates the way ants find the shootest path
	blo food sources & their next implement the
	Aco algorithm using python to solve the Top,
	Aco algorithm using python to solve the Top, where the ojective is to find the shortest possible route that visits a list of cities and
	possible poute that visits a list of cities and
	seturns to the oxigin city
	Maragla
	Algorithm
	Pritialize phexomone values 41, j. Ell, o]: Tij > To
	repeat medicine values vi, j e ci, iii = 16
	for each ant l E EL, , mg do
	Pritialize selection set 5 -> (1,
	sandomly choose starting city to 6 s for and 1 move to starting city to to
	while s & o do
	remove current city from selection set s->s/ti
	chose next city is to town with probability Ris Tin. nin
	Pay = Test Ais
	update solution vector To(1) >j
	move to new city i-ty
	end while
	finalize solution vector \$\pi(\ell) \rightarrow \in
	end for

