Aru Calony optimisation and cowny optimisation is seved to find the shortest path from next to good we use it to calculate the shortest path examinate. aefine a function ACO to calculate ant colony of himisation deha: distance : calculate distance cation) this is used to calculate distance extrucen cities Step 3: Initially but the west route and length CAPPER MINE TO BE SEEN PROBLEMENT TO SEE dust route = None stepy: Repeat this fowcers for a ten iterations and keep checking the south length take two extracts best length: 00 off variables Agter each iteration append the scoutes to rand longth to l s. Offerend (routes) I. appliend (lungth) Step 5. Next check the length and route and update the values, we nech updating the length and soute for each iteration if singth & best-langth 1 best eingth = length dest route = boutc diche: update the valuer after very iteration and out the end display the best-boute and but lingth we can suc it in supply thain management where we can optimize routes for delivery trucks

Deration 215 Best sength : 23. 251407699 Iteration 215 Best sength: 23.251407699 CHI June HU I teration 315 Bent dength: 23. 25 1407699 Iteration 415 Best kength: 23.25140769 Iteration 415 Best Length: 23, 25, 1407699 Bust Route Length: 23.251407699364923 2001 : Montes Do : Moral to ton after outrions and o repend this power got a Acuse two storaly of resudency the south thanking [ ] = } (7=9 अभूते द्वाकी मेठावसी मा व्यक्तिमार केंग्र स्वाचार ने प्र is oil it is Caron bougage Car 💰 S. appears compile St. North Will have with a value one though of the state and House of the Land of the twee no literation in the state of the s interest that you was a full out that do had