33304 = Mycompanion ==== Assignment - 10 Title: Travelling solesman problem noing dynamic programming Broblem statement: A traveller needs to visit all the list, where distances between all the known and each city should be visited once Find The shortest possible grante that he visits each city and graturous Objective: - To implement the solution for triavelling talesnan problem using dynamic programming Theony: What is TSP? Given a set of cities and distance from btw every pairs of cities, the problem is to find the shortest possible monte that visits every city exactly once, and notions to the starting point. in above graph is cost is 80. Dynamic Brogramming? Dynamic brogramming is mainly an optimization over plain neumoion. Whenever we see a pownive solution has repeated calls for some inputs, we can optimize using by name broaranning. The idea is to simply store the results of subproblems, so that we do not have to re-compute them when needed later. California Charleton Charleton (1,1)14-112



