Charstopher Foly 30) Assume brute force/backtracking Algorithm 615092976 lay to the solution is an adjacency matrix Assume X[n,n] Is a connection matrix for the graph G. backtrack(M) For 13=170 D C backtrack (X [i], i, M) Check from corner rope C backtrack (Mapm) Dumber T_backtrack (XI B, K, M) / occoll find m nones in this now Starting at K for J==K70 n JE J# (AND X[J] == false /add x[K, i] 70 solution set out put solution else // neomore r-backtrack (X[4], J, M-1) Alternate Solution (my prefamed) non recursive) Create Apjacency matrix, assume each node 15 connected to 175ell then count the false in each node connections Charte appearcy LIST and look for list entine outs 36) RT (30) = 0(Zx) -0(n3)