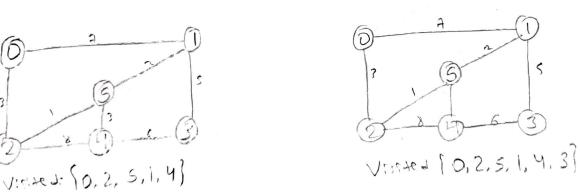
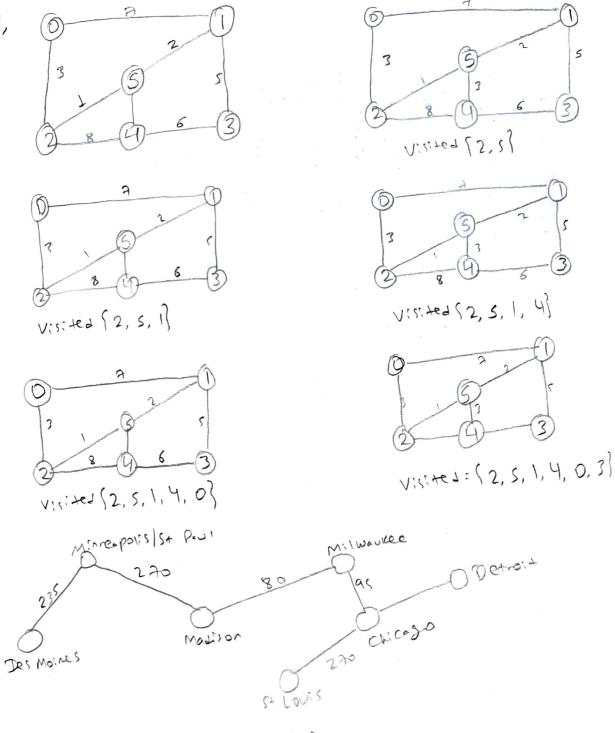


- J. V (State Graph) = S Alaska, California, Hawais, New York, Oregon, Texas, Vermonts E( State Graph) = S(Aluska, oregon) (Hawais, Aluska) (Howais, California) (Howais, Meryer) (Howarr, Texas) (Texas, Hawaii) (Texas, Vermont) (Vermont, Alaska) (Vermit, Cach)
- 2, a) No b) Yes
- C) Texas

VT

5, Atlanta Austin = 2100 Atlanta -> Chicaso = 2800 Atlanta -> dollas=1900 Atlanta - derver = 2680 Atlanta -> houston = 800 Atlanta -> Wallington = 600 2 6, Visited (0, 23  $\lambda$ NELTET: (0, 2, 5, 1) Vis: 2ed 50, 2, 5]





, Topologica: 0, 5, 1, 8, 6, 3, 2, 4, 9, 7

o, Breadth First Topological:

Start, Programming 1, Discrete Math, Computer Organization, programing 2, Operations Systems, High Level languages, Algorithms, Senior Seminar, Theory of Computation, end.