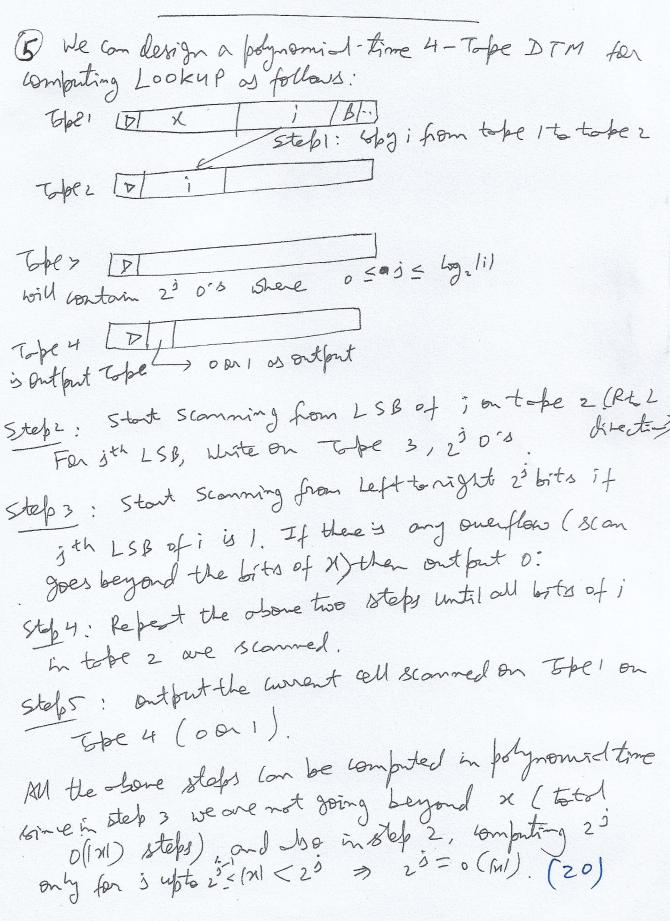
DAA Tutoriol & Solution



600: We either BFS on DFS Igorithm. (5)

600: We BFS Igo: Check any SeV and Color it Red.

Cloral the reignbors of S Blue. Color all the reignbors of "Blue" nodes as Red and repeat the process in BFS order.

At the end if we have a volid 2- Coloring of Jroph (each edge has vertices of different Color), then it is a bipatite graph, otherwise it is not a bipatite graph. (5)

600: We either DFS on BFS to Check whether the graph is connected on not. If it is connected, then weify that |E| = |VI - I. (5)