HW4 Dec/23

❖ **1. Routing algorithms:**

▪ (1). (40%) Consider the network shown on the right. Show the operation of Dijkstra's (link state) algorithm for computing the least cost path from node A to the rest of the destinations. Show how the algorithm works by computing a table similar to Table 5.1.

▪ (2). (60%) Consider the network shown on the right, and assume that each node initially knows the costs to each of its neighbors. Consider the distance-vector algorithm and show the distance table entries at each node step-by-step.

▪ **Due 1/10/2023 1:20PM**,

  • **to new E3**