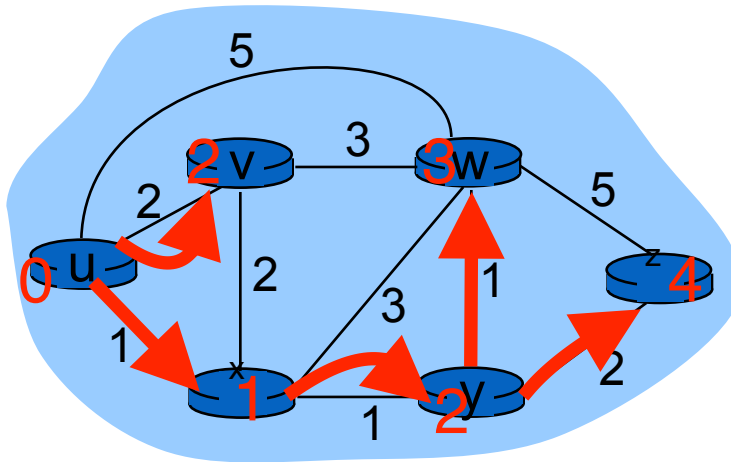1. Based on the following diagram, calculate the forward table for node X using Link State algorithm. The figure is the same you see in slide 16. You are supposed to have a table view similar to the table in slide 16. **You have to show each steps how you calculated for each number in the table. A simple table with numbers will not get any points.** The forwarding table should be similar to the one in slide 17.

1. Based on the following diagram, assume the link between x and z are changed from 7 to 1. Based on the forwarding table in slide 26, re-calculate the forward table for all 3 nodes using Distance Vector algorithm. **You have to show each steps how you calculated for each number in the table. A simple table with numbers will not get any points.** Your result will be similar to the 3x3 tables in slide 26.