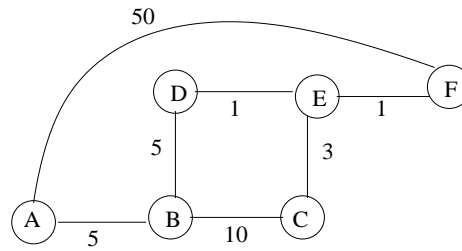# CEN5515 Homework No. 4

Name:

Consider the network above:

- Show the steps in the Dijkstra algorithm to compute the shortest paths from A to all other nodes.

- Show the routing tables in all the nodes after each step in the distance vector algorithm until the routing table is stable, assuming that each router only knows the route to itself at the beginning (the network just starts operating).

- List the link state packets that node A and E send.