

Below, we highlight the last distance vector update of each node with yellow color, which are the final distance vectors after convergence. When we evaluate your program, we will look for those LAST updates and check if they match the least costs or not.

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-bash-3.2$ ./project3 1
At time t=0.000000, rtinit0() called.
At time t=0.000000, node 0 initial distance vector: 0 1 3 7
At time t=0.000000, node 0 sends packet to node 1 with: 0 1 3 7
At time t=0.000000, node 0 sends packet to node 2 with: 0 1 3 7
At time t=0.000000, node 0 sends packet to node 3 with: 0 1 3 7
At time t=0.000000, rtinit1() called.
At time t=0.000000, node 1 initial distance vector: 1 0 1 9999
At time t=0.000000, node 1 sends packet to node 0 with: 1 0 1 9999
At time t=0.000000, node 1 sends packet to node 2 with: 1 0 1 9999
At time t=0.000000, rtinit2() called.
At time t=0.000000, node 2 initial distance vector: 3 1 0 2
At time t=0.000000, node 2 sends packet to node 0 with: 3 1 0 2
At time t=0.000000, node 2 sends packet to node 1 with: 3 1 0 2
At time t=0.000000, node 2 sends packet to node 3 with: 3 1 0 2
At time t=0.000000, rtinit3() called.
At time t=0.000000, node 3 initial distance vector: 7 9999 2 0
At time t=0.000000, node 3 sends packet to node 0 with: 7 9999 2 0
At time t=0.000000, node 3 sends packet to node 2 with: 7 9999 2 0
At time t=0.124745, rtupdate2() called, by a pkt received from Sender id: 0.
At time t=0.586824, rtupdate3() called, by a pkt received from Sender id: 0.
At time t=0.586824, node 3 current distance vector: 7 8 2 0
At time t=0.586824, node 3 sends packet to node 0 with: 7 8 2 0
At time t=0.586824, node 3 sends packet to node 2 with: 7 8 2 0
At time t=0.609690, rtupdate2() called, by a pkt received from Sender id: 1.
At time t=0.609690, node 2 current distance vector: 2 1 0 2
At time t=0.609690, node 2 sends packet to node 0 with: 2 1 0 2
At time t=0.609690, node 2 sends packet to node 1 with: 2 1 0 2
At time t=0.609690, node 2 sends packet to node 3 with: 2 1 0 2
At time t=0.745790, rtupdate0() called, by a pkt received from Sender id: 1.
At time t=0.745790, node 0 current distance vector: 0 1 2 7
At time t=0.745790, node 0 sends packet to node 1 with: 0 1 2 7
At time t=0.745790, node 0 sends packet to node 2 with: 0 1 2 7
At time t=0.745790, node 0 sends packet to node 3 with: 0 1 2 7
At time t=0.810576, rtupdate3() called, by a pkt received from Sender id: 2.
At time t=0.810576, node 3 current distance vector: 5 3 2 0
At time t=0.810576, node 3 sends packet to node 0 with: 5 3 2 0
At time t=0.810576, node 3 sends packet to node 2 with: 5 3 2 0
At time t=0.867797, rtupdate3() called, by a pkt received from Sender id: 2.
At time t=0.867797, node 3 current distance vector: 4 3 2 0
At time t=0.867797, node 3 sends packet to node 0 with: 4 3 2 0
At time t=0.867797, node 3 sends packet to node 2 with: 4 3 2 0
At time t=0.962070, rtupdate2() called, by a pkt received from Sender id: 3.
At time t=1.080034, rtupdate1() called, by a pkt received from Sender id: 0.
At time t=1.080034, node 1 current distance vector: 1 0 1 8
At time t=1.080034, node 1 sends packet to node 0 with: 1 0 1 8
At time t=1.080034, node 1 sends packet to node 2 with: 1 0 1 8
At time t=1.224738, rtupdate0() called, by a pkt received from Sender id: 2.
At time t=1.224738, node 0 current distance vector: 0 1 2 5
At time t=1.224738, node 0 sends packet to node 1 with: 0 1 2 5
At time t=1.224738, node 0 sends packet to node 2 with: 0 1 2 5
At time t=1.224738, node 0 sends packet to node 3 with: 0 1 2 5
At time t=1.380520, rtupdate2() called, by a pkt received from Sender id: 3.
At time t=1.383899, rtupdate2() called, by a pkt received from Sender id: 0.
At time t=1.565862, rtupdate2() called, by a pkt received from Sender id: 3.
At time t=1.657278, rtupdate3() called, by a pkt received from Sender id: 0.
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At time t=1.826770, rtupdate0() called, by a pkt received from Sender id: 3.
At time t=2.077403, rtupdate3() called, by a pkt received from Sender id: 0.
At time t=2.275775, rtupdate0() called, by a pkt received from Sender id: 3.
At time t=2.276489, rtupdate2() called, by a pkt received from Sender id: 3.
At time t=2.768510, rtupdate1() called, by a pkt received from Sender id: 2.
At time t=2.768510, node 1 current distance vector: 1 0 1 3
At time t=2.768510, node 1 sends packet to node 0 with: 1 0 1 3
At time t=2.768510, node 1 sends packet to node 2 with: 1 0 1 3
At time t=3.166427, rtupdate0() called, by a pkt received from Sender id: 2.
At time t=3.956352, rtupdate1() called, by a pkt received from Sender id: 2.
At time t=3.981693, rtupdate0() called, by a pkt received from Sender id: 3.
At time t=4.103415, rtupdate2() called, by a pkt received from Sender id: 1.
At time t=4.226752, rtupdate0() called, by a pkt received from Sender id: 3.
At time t=5.663148, rtupdate2() called, by a pkt received from Sender id: 0.
At time t=5.667306, rtupdate1() called, by a pkt received from Sender id: 0.
At time t=5.743729, rtupdate0() called, by a pkt received from Sender id: 1.
At time t=6.198489, rtupdate2() called, by a pkt received from Sender id: 1.
At time t=6.780353, rtupdate0() called, by a pkt received from Sender id: 1.
At time t=6.780353, node 0 current distance vector: 0 1 2 4
At time t=6.780353, node 0 sends packet to node 1 with: 0 1 2 4
At time t=6.780353, node 0 sends packet to node 2 with: 0 1 2 4
At time t=6.780353, node 0 sends packet to node 3 with: 0 1 2 4
At time t=6.817634, rtupdate1() called, by a pkt received from Sender id: 0.
At time t=7.599638, rtupdate3() called, by a pkt received from Sender id: 0.
At time t=7.960743, rtupdate2() called, by a pkt received from Sender id: 0.
At time t=8.295065, rtupdate1() called, by a pkt received from Sender id: 0.