

Enter number of vertices (n): 6

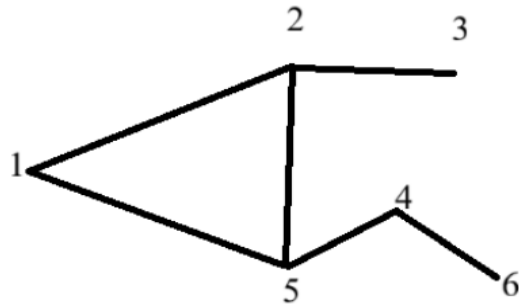
Enter number of edges (m): 6

Generated connected graph with nodes: [1, 2, 3, 4, 5, 6]

Edges: [(1, 2), (1, 5), (2, 3), (2, 5), (4, 6), (4, 5)]

Source node: 2

Malicious node: 1



DENM Communication Details:

Time	Sender	Hopcount	Receiver	DENMLabel
1	2	1	5	L
2	2	1	3	L
3	2	1	1	L
4	5	2	1	L
5	1	3	2	M
6	1	2	5	M
7	2	4	5	M
8	5	2	4	L
9	5	3	2	M
10	5	3	4	M
11	4	4	6	M
12	2	4	1	M
13	4	3	6	L
14	2	4	3	M
15	2	1	3	L
16	2	1	5	L
17	2	1	1	L
18	5	2	4	L
19	5	2	1	L
20	1	2	5	M
21	5	3	2	M
22	4	3	6	L
23	1	3	2	M
24	2	4	5	M
25	5	3	4	M
26	2	4	3	M
27	2	4	1	M
28	4	4	6	M

Sender Denm Label when it was received :

Time	Sender	Hopcount	Receiver	DENMLabel	PrevDENMLabel
1	2	1	5	L	NA
2	2	1	3	L	NA
3	2	1	1	L	NA
4	5	2	1	L	L
5	1	3	2	M	L
6	1	2	5	M	L
7	2	4	5	M	M
8	5	2	4	L	L
9	5	3	2	M	M
10	5	3	4	M	M
11	4	4	6	M	M
12	2	4	1	M	M
13	4	3	6	L	L
14	2	4	3	M	M
15	2	1	3	L	NA
16	2	1	5	L	NA
17	2	1	1	L	NA
18	5	2	4	L	L
19	5	2	1	L	L
20	1	2	5	M	L
21	5	3	2	M	M
22	4	3	6	L	L
23	1	3	2	M	L
24	2	4	5	M	M
25	5	3	4	M	M
26	2	4	3	M	M
27	2	4	1	M	M
28	4	4	6	M	M

Identification of Malicious Node:

Malicious Nodes Detected : 1

Time	Sender	Hopcount	Receiver	DENMLLabel	PrevDENMLLabel	Malicious_node
1	2	1	5	L		0
2	2	1	3	L		0
3	2	1	1	L		0
4	5	2	1	L	L	0
5	1	3	2	M	L	1
6	1	2	5	M	L	1
7	2	4	5	M	M	0
8	5	2	4	L	L	0
9	5	3	2	M	M	0
10	5	3	4	M	M	0
11	4	4	6	M	M	0
12	2	4	1	M	M	0
13	4	3	6	L	L	0
14	2	4	3	M	M	0
15	2	1	3	L		0
16	2	1	5	L		0
17	2	1	1	L		0
18	5	2	4	L	L	0
19	5	2	1	L	L	0
20	1	2	5	M	L	1
21	5	3	2	M	M	0
22	4	3	6	L	L	0
23	1	3	2	M	L	1
24	2	4	5	M	M	0
25	5	3	4	M	M	0
26	2	4	3	M	M	0
27	2	4	1	M	M	0
28	4	4	6	M	M	0