```
"C:\Program Files\Java\jdk-9\bin\java" "-javaagent:C:\Program Files\
JetBrains\IntelliJ IDEA Community Edition 2017.3\lib\idea_rt.jar=51534
:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2017.3\bin
" -Dfile.encoding=UTF-8 -classpath C:\Users\Nidhi\Desktop\Fall2017\DC\
Assignments\programAssn#2\Assn_2\out\production\Assn_2 Project
Network Simulator v1.0
Enter trace level (>= 0): [0] 2
Will the link change (1 = Yes, 0 = No): [0] 0
Enter random seed: [random] 2
Initializing entity 0


              via
  D0 |   1    2    3
 ----+------------
    1|    1  999  999
    2|  999    3  999
    3|  999  999    7

Initializing entity 1

           via
  D1 |   0    2
 ----+--------
    0|    1  999
    2|  999    1
    3|  999  999

Initializing entity 2

            via
  D2 |   0    1    3
 ----+------------
    0|    3  999  999
    1|  999    1  999
    3|  999  999    2

Initializing entity 3
         via
  D3 |   0    2
 ----+--------
    0|    7  999
    1|  999  999
    2|  999    2


main(): event received.  t=1.6731444532100161, node=3
   src=2, dest=3, contents=[3, 1, 0, 2]
```

```
Entity 3 update is called, dest = 3, source = 2
costs:
3
1
0
2


          via
 D3 |   0    2
----+--------
    0|   7    5
    1| 999    3
    2| 999    2
no updates

main(): event received.  t=3.0534213733607594, node=1
   src=2, dest=1, contents=[3, 1, 0, 2]
Entity 1 update is called, dest = 1, source = 2
costs:
3
1
0
2


          via
 D1 |   0    2
----+--------
    0|   1    4
    2| 999    1
    3| 999    3
no updates

main(): event received.  t=5.471403340878017, node=3
   src=0, dest=3, contents=[0, 1, 3, 7]
Entity 3 update is called, dest = 3, source = 0
costs:
0
1
3
7


          via
 D3 |   0    2
```

```
  ----+--------
    0|   7    5
    1|   8    3
    2|  10    2
no updates

main(): event received.  t=7.580322424179152, node=1
  src=0, dest=1, contents=[0, 1, 3, 7]
Entity 1 update is called, dest = 1, source = 0
costs:
0
1
3
7



        via
 D1 |   0    2
 ----+--------
    0|   1    4
    2|   4    1
    3|   8    3
no updates

main(): event received.  t=7.688419464619472, node=2
  src=3, dest=2, contents=[7, 999, 2, 0]
Entity 2 update is called, dest = 2, source = 3

          via
 D2 |   0    1    3
 ----+------------
    0|   3  999    9
    1| 999    1  999
    3| 999  999    2
no updates

main(): event received.  t=8.714116399111177, node=2
  src=1, dest=2, contents=[1, 0, 1, 999]
Entity 2 update is called, dest = 2, source = 1

          via
 D2 |   0    1    3
 ----+------------
    0|   3    2    9
    1| 999    1  999
    3| 999  999    2
```

```
no updates

main(): event received.  t=9.11302861627049, node=2
  src=0, dest=2, contents=[0, 1, 3, 7]
Entity 2 update is called, dest = 2, source = 0


          via
 D2 |   0   1   3
----+-----------
   0|   3   2   9
   1|   4   1 999
   3|  10 999   2
no updates

main(): event received.  t=9.546249434110536, node=0
  src=3, dest=0, contents=[7, 999, 2, 0]
Entity 0 update is called, dest = 0, source = 3
costs:
7
999
2
0



          via
 D0 |   1   2   3
----+-----------
   1|   1 999 999
   2| 999   3   9
   3| 999 999   7
no updates

main(): event received.  t=9.872892399125815, node=0
  src=1, dest=0, contents=[1, 0, 1, 999]
Entity 0 update is called, dest = 0, source = 1
costs:
1
0
1
999



          via
 D0 |   1   2   3
----+-----------
```

```
    1|    1 999 999
    2|    2   3   9
    3|  999 999   7
no updates

main(): event received.  t=9.88678750508584, node=0
  src=2, dest=0, contents=[3, 1, 0, 2]
Entity 0 update is called, dest = 0, source = 2
costs:
3
1
0
2



          via
 D0 |   1   2   3
----+------------
    1|    1   4 999
    2|    2   3   9
    3|  999   5   7
no updates
Simulator terminated at t=9.88678750508584, no packets in medium.
Minimum costs for Entity 0: 0125

Minimum costs for Entity 1: 1013

Minimum costs for Entity  2: 2102

Minimum costs for Entity 3: 5320


Process finished with exit code 0
```