Sample output from my solution to Problem #1: (yours should match the format: the times depend on your machine's speed). Some machines are so fast that small problem sizes cannot be analyzed correctly.

```
find_influencers of size 100
Analysis of 5 timings
0 time-elapsed; cannot show analysis
find_influencers of size 200
Analysis of 5 timings
0 time-elapsed; cannot show analysis
find_influencers of size 400
Analysis of 5 timings
avg = 0.01250
             min = 0.00000 \quad max = 0.01562 \quad span = 125.0\%
  Time Ranges
0.00e+00<>1.56e-03[ 20.0%]|********
1.56e-03<>3.13e-03[ 0.0%]
3.13e-03<>4.69e-03[ 0.0%]
4.69e-03<>6.25e-03[ 0.0%]
6.25e-03<>7.81e-03[ 0.0%]
7.81e-03<>9.37e-03[ 0.0%]
9.38e-03<>1.09e-02[
                 0.0%]|
1.09e-02<>1.25e-02[ 0.0%]
1.25e-02<>1.41e-02[ 0.0%]|A
1.41e-02<>1.56e-02[ 0.0%]|
find_influencers of size 800
Analysis of 5 timings
avg = 0.03750
             min = 0.03125 max = 0.04688 span = 41.7%
  Time Ranges
3.28e-02<>3.44e-02[ 0.0%]
3.44e-02<>3.59e-02[ 0.0%]
3.59e-02<>3.75e-02[ 0.0%]|
3.75e-02<>3.91e-02[ 0.0%]|A
3.91e-02<>4.06e-02[ 0.0%]
4.06e-02<>4.22e-02[ 0.0%]
4.22e-02<>4.38e-02[ 0.0%]
4.37e-02<>4.53e-02[
                 0.0%]
4.53e-02<>4.69e-02[ 0.0%]
4.69e-02<>4.84e-02[ 40.0%]|***********************
find_influencers of size 1600
Analysis of 5 timings
avg = 0.14688
             min = 0.14062 max = 0.15625 span = 10.6%
  Time Ranges
1.42e-01<>1.44e-01[ 0.0%]
1.44e-01<>1.45e-01[ 0.0%]
1.45e-01<>1.47e-01[ 0.0%]|
1.47e-01<>1.48e-01[ 0.0%]|A
1.48e-01<>1.50e-01[ 0.0%]
1.50e-01<>1.52e-01[ 0.0%]|
1.52e-01<>1.53e-01[ 0.0%]|
1.53e-01<>1.55e-01[ 0.0%]
```

```
1.55e-01<>1.56e-01[ 0.0%]
1.56e-01<>1.58e-01[ 40.0%]|**********************************
find influencers of size 3200
Analysis of 5 timings
avg = 0.57812
          min = 0.56250 max = 0.59375 span = 5.4\%
  Time Ranges
5.62e-01<>5.66e-01[ 20.0%]|***********
5.66e-01<>5.69e-01[ 0.0%]
5.69e-01<>5.72e-01[ 0.0%]
5.72e-01<>5.75e-01[ 0.0%]|
5.75e-01<>5.78e-01[ 0.0%]|
5.81e-01<>5.84e-01[ 0.0%]
5.84e-01<>5.88e-01[ 0.0%]
5.88e-01<>5.91e-01[ 0.0%]|
5.91e-01<>5.94e-01[ 0.0%]|
5.94e-01<>5.97e-01[ 20.0%]|***********
find influencers of size 6400
Analysis of 5 timings
avg = 2.33125
          min = 2.23438 max = 2.40625 span = 7.4\%
  Time Ranges
2.25e+00<>2.27e+00[ 0.0%]|
2.27e+00<>2.29e+00[ 0.0%]|
2.29e+00<>2.30e+00[ 0.0%]|
2.34e+00<>2.35e+00[ 0.0%]
2.35e+00<>2.37e+00[ 0.0%]
2.39e+00<>2.41e+00[ 0.0%]
find_influencers of size 12800
Analysis of 5 timings
avg = 9.44375
          min = 9.35938 max = 9.54688 span = 2.0%
  Time Ranges
9.38e+00<>9.40e+00[ 0.0%]
9.40e+00<>9.42e+00[ 20.0%]|******************
9.42e+00<>9.43e+00[ 0.0%]|
9.43e+00<>9.45e+00 0.0% A
9.45e+00<>9.47e+00[ 0.0%]|
9.47e+00<>9.49e+00[ 0.0%]|
9.49e+00<>9.51e+00[ 0.0%]|
9.51e+00<>9.53e+00[ 0.0%]|
9.53e+00<>9.55e+00[ 20.0%]|*****************
9.55e+00<>9.57e+00[ 20.0%]|*****************
```

Sample output from my solution to Problem #2: (yours should match the format: the times/counts depend on your machine's speed and the random graph created).

```
Sat Mar 13 19:36:41 2021
                            test profile
         2783477 function calls (2783476 primitive calls) in 1.015 seconds
   Ordered by: call count
   List reduced from 108 to 20 due to restriction <20>
           tottime percall cumtime
                                       percall filename:lineno(function)
   817404
             0.096
                      0.000
                                0.096
                                         0.000 influence.py:69(<lambda>)
   408702
             0.227
                      0.000
                                0.323
                                         0.000 adjustablepriorityqueue.py:22(_trichotomy)
   341099
             0.024
                      0.000
                                0.024
                                         0.000 {built-in method builtins.len}
                                         0.000 adjustablepriorityqueue.py:44(_parent)
0.000 adjustablepriorityqueue.py:60(_in_heap)
   278023
             0.034
                      0.000
                                0.034
   272668
             0.064
                      0.000
                                0.084
                                         0.000 adjustablepriorityqueue.py:64(_swap)
   219454
             0.103
                      0.000
                                0.103
                                         0.000 adjustablepriorityqueue.py:29(_left_child)
   151553
             0.021
                      0.000
                               0.021
             0.015
                      0.000
                               0.015
                                         0.000 adjustablepriorityqueue.py:36(_right_child)
   121115
                                0.385
                                         0.000 adjustablepriorityqueue.py:134(updated)
    42438
             0.044
                      0.000
             0.204
    37353
                      0.000
                                0.571
                                         0.000 adjustablepriorityqueue.py:95( percolate down)
    25083
             0.100
                      0.000
                                0.273
                                         0.000 adjustablepriorityqueue.py:72( percolate up)
    18424
             0.005
                      0.000
                                0.011
                                         0.000 adjustablepriorityqueue.py:170(is_empty)
                                         0.000 adjustablepriorityqueue.py:177(size)
    18424
             0.004
                      0.000
                                0.005
                      0.000
     9999
                                         0.000 adjustablepriorityqueue.py:121(remove)
             0.012
                                0.509
                                         0.000 {built-in method math.ceil}
     9999
             0.002
                      0.000
                                0.002
                                         0.000 {method 'pop' of 'list' objects}
0.000 {method 'add' of 'set' objects}
     9999
             0.001
                      0.000
                                0.001
     1575
             0.000
                      0.000
                                0.000
             0.000
                      0.000
                                0.000
                                         0.000 {method 'rstrip' of 'str' objects}
       12
       7
             0.000
                      0.000
                               0.000
                                         0.000 {method 'join' of 'str' objects}
             0.000
                      0.000
                                0.000
                                         0.000 <frozen importlib._bootstrap>:222(_verbose_message)
Sat Mar 13 19:36:41 2021
                            test profile
         2783477 function calls (2783476 primitive calls) in 1.015 seconds
   Ordered by: internal time
   List reduced from 108 to 20 due to restriction <20>
   ncalls tottime percall cumtime percall filename:lineno(function)
   408702
             0.227
                      0.000
                                0.323
                                         0.000 adjustablepriorityqueue.py:22(_trichotomy)
                      0.000
             0.204
                                0.571
                                         0.000 adjustablepriorityqueue.py:95( percolate down)
   37353
   219454
             0.103
                      0.000
                                0.103
                                         0.000 adjustablepriorityqueue.py:64( swap)
             0.100
                      0.000
                                0.273
                                         0.000 adjustablepriorityqueue.py:72(_percolate_up)
    25083
                                         0.000 influence.py:69(<lambda>)
   817404
             0.096
                      0.000
                                0.096
   272668
             0.064
                      0.000
                                         0.000 adjustablepriorityqueue.py:60(_in_heap)
                                0.084
   42438
                      0.000
                                0.385
                                         0.000 adjustablepriorityqueue.py:134(updated)
             0.044
                                         1.015 influence.py:65(find_influencers3)
        1
             0.043
                      0.043
                                1.015
   278023
             0.034
                      0.000
                                0.034
                                         0.000 adjustablepriorityqueue.py:44(_parent)
   341099
             0.024
                      0.000
                                0.024
                                         0.000 {built-in method builtins.len}
   151553
             0.021
                      0.000
                                0.021
                                         0.000 adjustablepriorityqueue.py:29(_left_child)
                                         0.000 adjustablepriorityqueue.py:36(_right_child)
   121115
             0.015
                      0.000
                                0.015
     9999
             0.012
                      0.000
                                0.509
                                         0.000 adjustablepriorityqueue.py:121(remove)
             0.010
                      0.010
                                0.014
                                         0.014 influence.py:68(<dictcomp>)
    18424
             0.005
                      0.000
                                0.011
                                         0.000 adjustablepriorityqueue.py:170(is empty)
                                         0.000 adjustablepriorityqueue.py:177(size)
    18424
             0.004
                      0.000
                                0.005
     9999
                                         0.000 {built-in method math.ceil}
             0.002
                      0.000
                                0.002
                                         0.055 adjustablepriorityqueue.py:52(_heapify)
             0.002
                      0.002
                                0.055
        1
                                         0.002 influence.py:67(<setcomp>)
        1
             0.001
                      0.001
                                0.002
             0.001
                      0.001
                                0.001
                                         0.001 adjustablepriorityqueue.py:16(<dictcomp>)
```