Results from Mandelbrot

## No heuristic

9.597524 % objects cause not born error.

90.40248 % objects were created successfully

84.62332 % objects were updates successfully

0.0 % objects were created more than once.

5.8479533 % objects cause dead error

## FIFO

### Threshold 50MB

Percentage to remove: 5%

9.597524 % objects cause not born error

90.40248 % objects were created successfully

74.13141 % objects were updated successfully

0.0 % objects were created more than once

34.09013 % objects cause dead error

Time taken 3 minutes

The program reads 55960 lines per second

Percentage to remove: 10%

9.597524 % objects cause not born error

90.40248 % objects were created successfully

76.53938 % objects were updated successfully

0.0 % objects were created more than once

30.890953 % objects cause dead error

Percentage to remove: 15%

You created a new FIFOHeap

threshold is 50000

percentage is 0.15

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

76.917786 % objects were updated successfully

0.0 % objects were created more than once

30.065361 % objects cause dead error

Time taken 4 minutes

The program reads 53162 lines per second

Percentage to remove: 20%

You created a new FIFOHeap

threshold is 50000

percentage is 0.2

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

78.912964 % objects were updated successfully

0.0 % objects were created more than once

25.730995 % objects cause dead error

Time taken 4 minutes

The program reads 52077 lines per second

Percentage to remove: 25%

You created a new FIFOHeap

threshold is 50000

percentage is 0.25

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

79.256966 % objects were updated successfully

0.0 % objects were created more than once

24.664602 % objects cause dead error

Time taken 3 minutes

The program reads 62239 lines per second

Percentage to remove: 30%

You created a new FIFOHeap

threshold is 50000

percentage is 0.3

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

79.66976 % objects were updated successfully

0.0 % objects were created more than once

23.391813 % objects cause dead error

Time taken 3 minutes

The program reads 56706 lines per second

### Threshold 75MB

Percentage to remove: 5%

You created a new FIFOHeap

threshold is 75000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

76.74578 % objects were updated successfully

0.0 % objects were created more than once

29.136568 % objects cause dead error

Time taken 2 minutes

The program reads 106324 lines per second

Percentage to remove: 10%

You created a new Heap

You created a new FIFOHeap

threshold is 75000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

77.46818 % objects were updated successfully

0.0 % objects were created more than once

27.657377 % objects cause dead error

Time taken 2 minutes

The program reads 106324 lines per second

Percentage to remove: 15%

You created a new FIFOHeap

threshold is 75000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

79.01617 % objects were updated successfully

0.0 % objects were created more than once

24.183006 % objects cause dead error

Time taken 2 minutes

The program reads 100464 lines per second

Percentage to remove: 20%

You created a new FIFOHeap

threshold is 75000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

79.70416 % objects were updated successfully

0.0 % objects were created more than once

22.49742 % objects cause dead error

Time taken 2 minutes

The program reads 104581 lines per second

Percentage to remove: 25%

You created a new FIFOHeap

threshold is 75000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

80.66735 % objects were updated successfully

0.0 % objects were created more than once

20.22704 % objects cause dead error

Time taken 2 minutes

The program reads 103731 lines per second

Percentage to remove: 30%

You created a new FIFOHeap

threshold is 75000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

18.300653 % objects cause dead error

Time taken 2 minutes

The program reads 103731 lines per second

### Threshold 100MB

Percentage to remove: 5%

You created a new FIFOHeap

threshold is100000

percentage is0.05

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.922256 % objects cause dead error

Time taken 3 minutes

The program reads 59344 lines per second

Percentage to remove: 10%

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.69935 % objects were updated successfully

0.0 % objects were created more than once

17.096663 % objects cause dead error

Time taken 3 minutes

The program reads 63477 lines per second

Percentage to remove: 15%

You created a new FIFOHeap

threshold is 100000

percentage is 0.15

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.546267 % objects cause dead error

Time taken 3 minutes

The program reads 60183 lines per second

Percentage to remove: 20%

You created a new FIFOHeap

threshold is 100000

percentage is 0.2

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.546267 % objects cause dead error

Time taken 3 minutes

The program reads 54995 lines per second

Percentage to remove: 25%

You created a new FIFOHeap

threshold is 100000

percentage is 0.25

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.546267 % objects cause dead error

Time taken 4 minutes

The program reads 52077 lines per second

Percentage to remove: 30%

You created a new FIFOHeap

threshold is 100000

percentage is 0.3

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.546267 % objects cause dead error

Time taken 4 minutes

The program reads 53162 lines per second

### Threshold 125MB

Percentage to remove: 5%

You created a new FIFOHeap

threshold is 125000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

18.025455 % objects cause dead error

Time taken 2 minutes

The program reads 102071 lines per second

Percentage to remove: 10%

You created a new FIFOHeap

threshold is 125000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

18.025455 % objects cause dead error

Time taken 2 minutes

The program reads 98146 lines per second

Percentage to remove: 15%

You created a new FIFOHeap

threshold is 125000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.922256 % objects cause dead error

Time taken 2 minutes

The program reads 102895 lines per second

Percentage to remove: 20%

You created a new FIFOHeap

threshold is 125000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.922256 % objects cause dead error

Time taken 2 minutes

The program reads 96659 lines per second

Percentage to remove: 25%

You created a new FIFOHeap

threshold is 125000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.546267 % objects cause dead error

Time taken 2 minutes

The program reads 77327 lines per second

Percentage to remove: 30%

You created a new FIFOHeap

threshold is 125000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.546267 % objects cause dead error

Time taken 2 minutes

The program reads 93816 lines per second

### Threshold 150MB

Percentage to remove: 5%

You created a new FIFOHeap

threshold is 150000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

78.12177 % objects were updated successfully

0.0 % objects were created more than once

26.17819 % objects cause dead error

Time taken 2 minutes

The program reads 79743 lines per second

Percentage to remove: 10%

You created a new FIFOHeap

threshold is 150000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

78.912964 % objects were updated successfully

0.0 % objects were created more than once

24.286205 % objects cause dead error

Time taken 2 minutes

The program reads 81267 lines per second

Percentage to remove: 15%

You created a new FIFOHeap

threshold is 150000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

80.288956 % objects were updated successfully

0.0 % objects were created more than once

20.708633 % objects cause dead error

Time taken 3 minutes

The program reads 56455 lines per second

Percentage to remove: 20%

You created a new FIFOHeap

threshold is 150000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

17.956656 % objects cause dead error

Time taken 3 minutes

The program reads 67867 lines per second

Percentage to remove: 25%

You created a new FIFOHeap

threshold is 150000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

17.956656 % objects cause dead error

Time taken 2 minutes

The program reads 78759 lines per second

Percentage to remove: 30%

You created a new FIFOHeap

threshold is 150000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.853456 % objects cause dead error

Time taken 3 minutes

The program reads 67867 lines per second

### Threshold 175MB

Percentage to remove: 5%

You created a new FIFOHeap

threshold is 175000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 98906 lines per second

Percentage to remove: 10%

You created a new FIFOHeap

threshold is 175000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 80245 lines per second

Percentage to remove: 15%

You created a new FIFOHeap

threshold is 175000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 81267 lines per second

Percentage to remove: 20%

You created a new FIFOHeap

threshold is 175000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 85059 lines per second

Percentage to remove: 25%

You created a new FIFOHeap

threshold is 175000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 81788 lines per second

Percentage to remove: 30%

You created a new FIFOHeap

threshold is 175000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 82316 lines per second

### Threshold 200MB

Percentage to remove: 5%

You created a new FIFOHeap

threshold is 200000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 72908 lines per second

Percentage to remove: 10%

You created a new FIFOHeap

threshold is 200000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 80245 lines per second

Percentage to remove: 15%

You created a new FIFOHeap

threshold is 200000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 3 minutes

The program reads 70104 lines per second

Percentage to remove: 20%

You created a new FIFOHeap

threshold is 200000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 3 minutes

The program reads 70491 lines per second

Percentage to remove: 25%

You created a new FIFOHeap

threshold is 200000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 72494 lines per second

Percentage to remove: 30%

You created a new FIFOHeap

threshold is 200000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 4 minutes

The program reads 47608 lines per second

## Least recently used

### Threshold 50MB

Percentage to remove: 5%

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.956656 % objects cause dead error

Time taken 5 minutes

The program reads 40763 lines per secon

Percentage to remove: 10%

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.956656 % objects cause dead error

4 mins

Percentage to remove: 15%

You created a new LRUHeap

threshold is 50000

percentage is 0.15

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.956656 % objects cause dead error

Time taken 4 minutes

The program reads 48329 lines per second

Percentage to remove: 20%

You created a new LRUHeap

threshold is 50000

percentage is 0.2

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

82.04334 % objects were updated successfully

0.0 % objects were created more than once

16.13347 % objects cause dead error

Time taken 4 minutes

The program reads 51655 lines per second

Percentage to remove: 25%

You created a new LRUHeap

threshold is 50000

percentage is 0.25

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

82.04334 % objects were updated successfully

0.0 % objects were created more than once

16.13347 % objects cause dead error

Time taken 4 minutes

The program reads 50430 lines per second

Percentage to remove: 30%

You created a new LRUHeap

threshold is 50000

percentage is 0.3

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

82.04334 % objects were updated successfully

0.0 % objects were created more than once

16.13347 % objects cause dead error

Time taken 4 minutes

The program reads 48329 lines per second

### Threshold 75MB

Percentage to remove: 5%

You created a new LRUHeap

threshold is 75000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

75.98899 % objects were updated successfully

0.0 % objects were created more than once

31.062952 % objects cause dead error

Time taken 2 minutes

The program reads 80245 lines per second

Percentage to remove: 10%

You created a new LRUHeap

threshold is 75000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.683867 % objects cause dead error

Time taken 3 minutes

The program reads 64766 lines per second

Percentage to remove: 15%

You created a new LRUHeap

threshold is 75000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.477468 % objects cause dead error

Time taken 4 minutes

The program reads 45405 lines per second

Percentage to remove: 20%

You created a new LRUHeap

threshold is 75000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.477468 % objects cause dead error

Time taken 5 minutes

The program reads 41025 lines per second

Percentage to remove: 25%

You created a new LRUHeap

threshold is 75000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.477468 % objects cause dead error

Time taken 2 minutes

The program reads 87993 lines per second

Percentage to remove: 30%

You created a new LRUHeap

threshold is 75000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.477468 % objects cause dead error

Time taken 2 minutes

The program reads 89852 lines per second

### Threshold 100MB

Percentage to remove: 5%

You created a new LRUHeap

threshold is100000

percentage is0.05

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.922256 % objects cause dead error

Time taken 3 minutes

Percentage to remove: 10%

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.69935 % objects were updated successfully

0.0 % objects were created more than once

17.096663 % objects cause dead error

Time taken 3 minutes

Percentage to remove: 15%

You created a new LRUHeap

threshold is100000

percentage is0.15

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.408669 % objects cause dead error

Time taken 3 minutes

Percentage to remove: 20%

You created a new LRUHeap

threshold is100000

percentage is0.2

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.408669 % objects cause dead error

Time taken 3 minutes

The program reads 56959 lines per second

Percentage to remove: 25%

You created a new LRUHeap

threshold is100000

percentage is0.25

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.408669 % objects cause dead error

Time taken 4 minutes

The program reads 50630 lines per second

Percentage to remove: 30%

You created a new LRUHeap

threshold is 100000

percentage is 0.3

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.408669 % objects cause dead error

Time taken 3 minutes

The program reads 54995 lines per second

### Threshold 125MB

Percentage to remove: 5%

You created a new LRUHeap

threshold is 125000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

17.887857 % objects cause dead error

Time taken 2 minutes

The program reads 81267 lines per second

Percentage to remove: 10%

You created a new LRUHeap

threshold is 125000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

17.887857 % objects cause dead error

Time taken 2 minutes

The program reads 85059 lines per second

Percentage to remove: 15%

You created a new LRUHeap

threshold is 125000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

17.887857 % objects cause dead error

Time taken 2 minutes

The program reads 78759 lines per second

Percentage to remove: 20%

You created a new LRUHeap

threshold is 125000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.750257 % objects cause dead error

Time taken 2 minutes

The program reads 80753 lines per second

Percentage to remove: 25%

You created a new LRUHeap

threshold is 125000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.30547 % objects cause dead error

Time taken 2 minutes

The program reads 80753 lines per second

Percentage to remove: 30%

You created a new LRUHeap

threshold is 125000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.90575 % objects were updated successfully

0.0 % objects were created more than once

16.30547 % objects cause dead error

Time taken 2 minutes

The program reads 84496 lines per second

### Threshold 150MB

Percentage to remove: 5%

You created a new LRUHeap

threshold is 150000

percentage is 0.05

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

78.08738 % objects were updated successfully

0.0 % objects were created more than once

26.109392 % objects cause dead error

Time taken 4 minutes

The program reads 44768 lines per second

Percentage to remove: 10%

You created a new LRUHeap

threshold is 150000

percentage is 0.1

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

78.912964 % objects were updated successfully

0.0 % objects were created more than once

24.251804 % objects cause dead error

Time taken 4 minutes

The program reads 50630 lines per second

Percentage to remove: 15%

You created a new LRUHeap

threshold is 150000

percentage is 0.15

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

80.15136 % objects were updated successfully

0.0 % objects were created more than once

20.777433 % objects cause dead error

Time taken 4 minutes

The program reads 50232 lines per second

Percentage to remove: 20%

You created a new LRUHeap

threshold is 150000

percentage is 0.2

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

17.784658 % objects cause dead error

Time taken 4 minutes

The program reads 49839 lines per second

Percentage to remove: 25%

You created a new LRUHeap

threshold is 150000

percentage is 0.25

10000 interval

STATS

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.320946 % objects were updated successfully

0.0 % objects were created more than once

17.784658 % objects cause dead error

Time taken 4 minutes

The program reads 50035 lines per second

Percentage to remove: 30%

You created a new LRUHeap

threshold is 150000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

81.355354 % objects were updated successfully

0.0 % objects were created more than once

17.647058 % objects cause dead error

Time taken 2 minutes

The program reads 75497 lines per second

### Threshold 175MB

Percentage to remove: 5%

You created a new LRUHeap

threshold is 175000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 93816 lines per second

Percentage to remove: 10%

You created a new LRUHeap

threshold is 175000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 100464 lines per second

Percentage to remove: 15%

You created a new LRUHeap

threshold is 175000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 88604 lines per second

Percentage to remove: 20%

You created a new LRUHeap

threshold is 175000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 90489 lines per second

Percentage to remove: 25%

You created a new LRUHeap

threshold is 175000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 97396 lines per second

Percentage to remove: 30%

You created a new LRUHeap

threshold is 175000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 91135 lines per second

### Threshold 200MB

Percentage to remove: 5%

You created a new LRUHeap

threshold is 200000

percentage is 0.05

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 93131 lines per second

Percentage to remove: 10%

You created a new LRUHeap

threshold is 200000

percentage is 0.1

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 80753 lines per second

Percentage to remove: 15%

You created a new LRUHeap

threshold is 200000

percentage is 0.15

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 91791 lines per second

Percentage to remove: 20%

You created a new LRUHeap

threshold is 200000

percentage is 0.2

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 95216 lines per second

Percentage to remove: 25%

You created a new LRUHeap

threshold is 200000

percentage is 0.25

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 91791 lines per second

Percentage to remove: 30%

You created a new LRUHeap

threshold is 200000

percentage is 0.3

9.597524 % objects cause not born error

90.40248 % objects were created successfully

84.62332 % objects were updated successfully

0.0 % objects were created more than once

5.8479533 % objects cause dead error

Time taken 2 minutes

The program reads 75497 lines per second