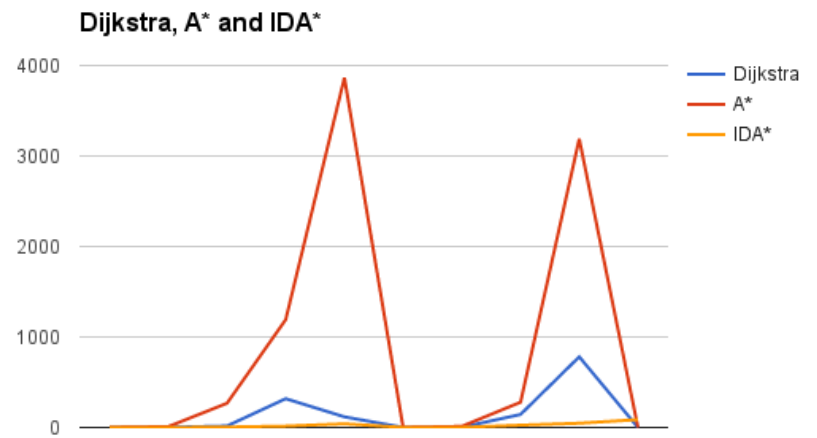
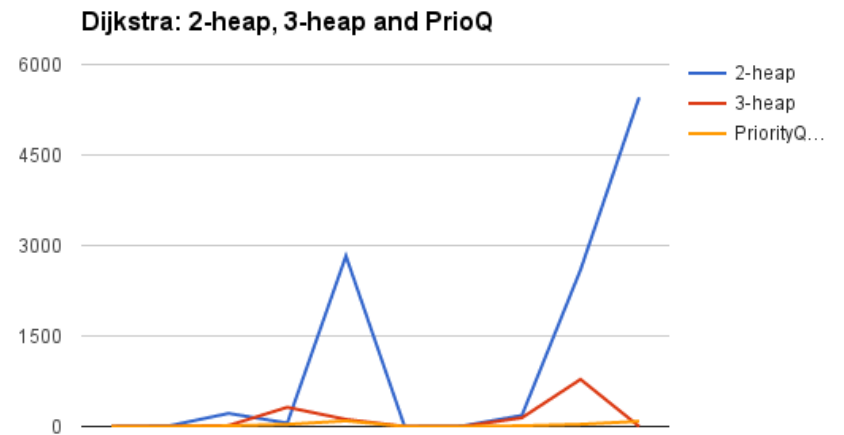


| nopein | | 3-keko | 3-keko | |
|-----------|-----|----------|--------|------|
| | | Dijkstra | A* | IDA* |
| 10*10 | 1 | 1.1 | 0.3 | 0.1 |
| 100*100 | 1 | 2 | 9.7 | 0.4 |
| 1000*1000 | 1 | 16.7 | 267.5 | 4.8 |
| 2000*2000 | 1 | 318.1 | 1192.1 | 15.3 |
| 3000*3000 | 1 | 117.6 | 3864.8 | 40.3 |
| 10*10 | 1-9 | 0.9 | 0.4 | 1.2 |
| 100*100 | 1-9 | 2.8 | 12.6 | 1.4 |
| 1000*1000 | 1-9 | 143.8 | 279.1 | 25.6 |
| 2000*2000 | 1-9 | 781.1 | 3189.7 | 47 |
| 3000*3000 | 1-9 | 0 | 0 | 86.9 |



| | Dijkstra | 2-heap | 3-heap | PriorityQueue (Java) |
|-----------|----------|--------|--------|----------------------|
| 10*10 | 1 | 2.2 | 1.1 | 0 |
| 100*100 | 1 | 14 | 2 | 1.1 |
| 1000*1000 | 1 | 216.9 | 16.7 | 11.1 |
| 2000*2000 | 1 | 56.6 | 318.1 | 35 |
| 3000*3000 | 1 | 2827.5 | 117.6 | 92.8 |
| 10*10 | 1-9 | 1 | 0.9 | 0.7 |
| 100*100 | 1-9 | 10.5 | 2.8 | 1.1 |
| 1000*1000 | 1-9 | 183.5 | 143.8 | 11.6 |
| 2000*2000 | 1-9 | 2596.4 | 781.1 | 36.2 |
| 3000*3000 | 1-9 | 5455.4 | 0 | 85.9 |



[illegible]