|  |  |  |
| --- | --- | --- |
| WorkingSize | Find 42(µs) | Find Largest(µs) |
| 10 | 279 | 460 |
| 100 | 729 | 2739 |
| 500 | 2619 | 10408 |
| 1000 | 12291 | 25998 |
| 5000 | 10743 | 100439 |
| 10000 | 107898 | 212931 |
| 50000 | 334231 | 1129097 |
| 100000 | 1012283 | 2020774 |
| 500000 | 4955440 | 9701155 |
| 1000000 | 8763869 | 19533727 |
| 5000000 | 48330665 | 107521596 |
| 10000000 | 119458681 | 248967603 |

|  |  |  |  |
| --- | --- | --- | --- |
| WorkingSize | Find 42(µs) | Find Largest(µs) | Insertion(µs) |
| 10 | 279 | 565 | 5008 |
| 100 | 1217 | 3023 | 5705 |
| 500 | 5353 | 14153 | 5910 |
| 1000 | 5804 | 20899 | 6107 |
| 5000 | 58210 | 118828 | 4701 |
| 10000 | 13429 | 205846 | 4910 |
| 50000 | 40013 | 1095443 | 13056 |
| 100000 | 146265 | 2139421 | 17940 |
| 500000 | 2723059 | 11423250 | 56405 |
| 1000000 | 4135499 | 22343035 | 178046 |
| 5000000 | 10172961 | 103709196 | 607503 |
| 10000000 | 63997787 | 215386308 | 3394604 |

I choose these values, Because the operation time is in direct proportion to the in direct proportion to WorkingSize. As WorkingSize getting larger, operation time getting longer.