NAME: Huize Shi

ID: A92122910

Date: Feb. 10th, 2016

LOGIN: cs12wjz

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Almost Sorted** | 200,000 | 400,000 | 600,000 | 1,000 | 3,000 |
| Insertion Sort | 198721464 | 1218989888 | 1777066985 | 61336 | 154256 |
| Merge Sort | 16478014 | 31742470 | 49281319 | 325019 | 397461 |
| Quick Sort | 7450516 | 15245987 | 23388518 | 115733 | 284131 |

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| --- | --- | --- | --- | --- | --- |
| **Random** | 200,000 | 400,000 | 600,000 | 1,000 | 3,000 |
| Insertion Sort | 4266019882 | 790915293 | 1811878853 | 344227 | 1822120 |
| Quick Sort | 9381902 | 15185512 | 22138816 | 120993 | 246266 |
| Merge Sort | 16424205 | 32710207 | 51543301 | 240889 | 307182 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Reverse** | 200,000 | 400,000 | 600,000 | 1,000 | 3,000 |
| Merge Sort | 15747693 | 32501834 | 53200042 | 197125 | 320482 |
| Quick Sort | 6509510 | 15941183 | 24013334 | 106167 | 251138 |
| Insertion Sort | 197390868 | 788037340 | 1811804722 | 64529 | 136086 |