|  |  |  |  |
| --- | --- | --- | --- |
|  | BUBBLE SORT | SELECTION SORT | INSERTION SORT |
| 10000 | 860 | 129 | 118 |
| 15000 | 1746 | 243 | 278 |
| 20000 | 5021 | 469 | 501 |
| 25000 | 8839 | 1111 | 1070 |
| 30000 | 14621 | 1532 | 890 |
| 35000 | 20870 | 2307 | 1987 |
| 40000 | 26226 | 3648 | 2074 |
| 45000 | 17059 | 2420 | 1958 |
| 50000 | 31107 | 3143 | 6251 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | BUBBLE SORT | SELECTION SORT | INSERTION SORT |  |
| Inverse order | 831 | 131 | 127 | 1st time |
|  | 795 | 136 | 130 | 2nd time |
|  | 836 | 141 | 141 | 3rd time |
|  | 888 | 129 | 122 | 4th time |
|  | 808 | 163 | 141 | 5th time |
| **Average =** | **831** | **140** | **132** |  |
| Already-sorted order |  |  |  |  |