|  |
| --- |
| ***From 100 to 1000*** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Quick sort (m sec)*** | ***Merge sort (m sec)*** | ***Heap sort (m sec)*** | ***Bucket sort (m sec)*** | ***Insertion sort (m sec)*** | ***Bubble sort (m sec)*** | ***Data status/sorting type*** |
| ***0*** | ***15*** | ***0*** | ***79*** | ***16*** | ***15*** | ***sorted*** |
| ***0*** | ***16*** | ***0*** | ***15*** | ***15*** | ***16*** | ***Reversed order*** |
| ***0*** | ***32*** | ***0*** | ***16*** | ***15*** | ***15*** | ***Random*** |

|  |
| --- |
| ***From 100 to 10000*** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Quick sort(m sec)*** | ***Merge sort (m sec)*** | ***Heap sort (m sec)*** | ***Bucket sort***  ***(m sec)*** | ***Insertion sort(m sec)*** | ***Bubble sort***  ***(m sec)*** | ***Data status/sorting type*** |
| ***0*** | ***390*** | ***16*** | ***578*** | ***359*** | ***469*** | ***sorted*** |
| ***16*** | ***375*** | ***15*** | ***547*** | ***494*** | ***688*** | ***Reversed order*** |
| ***16*** | ***391*** | ***0*** | ***515*** | ***516*** | ***734*** | ***Random*** |

|  |
| --- |
| ***From 100 to 100000*** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Quick sort(m sec)*** | ***Merge sort (m sec)*** | ***Heap sort (m sec)*** | ***Bucket sort***  ***(m sec)*** | ***Insertion sort(m sec)*** | ***Bubble sort***  ***(m sec)*** | ***Data status/sorting type*** |
| ***47*** | ***29593*** | ***78*** | ***149281*** | ***27000*** | ***38062*** | ***sorted*** |
| ***47*** | ***29859*** | ***79*** | ***153282*** | ***44360*** | ***64297*** | ***Reversed order*** |
| ***93*** | ***28797*** | ***94*** | ***144719*** | ***44266*** | ***68031*** | ***Random*** |