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Mata Kuliah : Struktur Data dan Algoritma

| Jenis Algoritma | Jumlah Bilangan | Waktu Eksekusi (ms) |
|-----------------|-----------------|---------------------|
| Bubble Sort     | 100k            | 27846 ms            |
|                 | 200k            | 281138 ms           |
|                 | 300k            | 1001473 ms          |
|                 | 400k            | 1021419 ms          |
|                 | 500k            | 1868334 ms          |
|                 | 600k            | 2204715 ms          |
|                 | 700k            | 6456920 ms          |
|                 | 800k            | 1639768 ms          |
|                 | 900k            |                     |
|                 | 1000k           |                     |
| Selection Sort  | 100k            |                     |
|                 | 200k            |                     |
|                 | 300k            |                     |
|                 | 400k            |                     |
|                 | 500k            |                     |
|                 | 600k            |                     |
|                 | 700k            |                     |
|                 | 800k            |                     |
|                 | 900k            |                     |
|                 | 1000k           |                     |
| Insertion Sort  | 100k            |                     |
|                 | 200k            |                     |
|                 | 300k            |                     |
|                 | 400k            |                     |
|                 | 500k            |                     |
|                 | 600k            |                     |
|                 | 700k            |                     |

|  |       |  |
|--|-------|--|
|  | 800k  |  |
|  | 900k  |  |
|  | 1000k |  |

## Lampiran

```

PS D:\SEMESTER 4\SDA MK\2208107010026_Indri_sorting> gcc 2208107010026_simple_sorting_indri.c -o test
PS D:\SEMESTER 4\SDA MK\2208107010026_Indri_sorting> ./test
Jenis Algoritma Jumlah Bilangan Waktu Eksekusi (ms)
Bubble Sort 100k 27846.00
Bubble Sort 200k 281138.00
Bubble Sort 300k 1001473.00
Bubble Sort 400k 1021419.00
Bubble Sort 500k 1868334.00
Bubble Sort 600k 2204715.00
Bubble Sort 700k 6456920.00
Bubble Sort 800k 1639768.00
Bubble Sort 900k 

```