

LAPORAN AKHIR

Mata Praktikum : Struktur Data
Kelas : 2IA16
Praktikum ke - : 7
Tanggal : Sabtu, 27 November 2021
Materi : Sort
NPM : 50420093
Nama : Ajay Alfredo Almani
Ketua Asisten : Thomas Adya Dewangga
Nama Asisten :
Paraf Asisten :
Jumlah Lembar : 5 Lembar



LABORATORIUM TEKNIK INFORMATIKA
UNIVERSITAS GUNADARMA
2021

Soal LA Pert 7

LA Pert 7

- Lakukan proses Sort dari NPM masing - masing (minimal 5 elemen array).
- Dari Video Materi Pert 7, lakukan sort menggunakan 3 algoritma sort.
- Boleh dikerjakan dengan tulis tangan (foto/scann) atau diketik dengan word.
- Buat menggunakan format LA; Cover - Listing (NPM masing-masing) - Logika (Proses 3 algoritma sort) - Output (Hasil Sort)
- Kumpulkan dalam bentuk PDF dengan format Nama_Kelas_NPM_Strukdat_LA7

A. Bubble Short

- **Iterasi 1**

50	4	20	0	93
----	---	----	---	----

4	50	20	0	93
---	----	----	---	----

4	20	50	0	93
---	----	----	---	----

4	20	0	50	93
---	----	---	----	----

4	20	0	50	93
---	----	---	----	----

- **Iterasi 2**

4	20	0	50	93
---	----	---	----	----

4	0	20	50	93
---	---	----	----	----

- **Iterasi 3**

4	0	20	50	93
---	---	----	----	----

0	4	20	50	93
---	---	----	----	----

- **Sorted**

0	4	20	50	93
---	---	----	----	----

B. Selection Sort

- Iterasi 1

50	4	20	0	93
----	---	----	---	----

4	50	20	0	93
---	----	----	---	----

4	50	20	0	93
---	----	----	---	----

0	50	20	4	93
---	----	----	---	----

0	50	20	4	93
---	----	----	---	----

- Iterasi 2

0	50	20	4	93
---	----	----	---	----

0	20	50	4	93
---	----	----	---	----

0	4	50	20	93
---	---	----	----	----

0	4	50	20	93
---	---	----	----	----

- Iterasi 3

0	4	50	20	93
---	---	----	----	----

0	4	20	50	93
---	---	----	----	----

0	4	20	50	93
---	---	----	----	----

- Sorted

0	4	20	50	93
---	---	----	----	----

C. Quick Sort

- Iterasi 1

50	4	20	0	93
----	---	----	---	----

Pivot = 50

0	20	4	50	93
---	----	---	----	----

- Iterasi 2

0	20	4	50	93
---	----	---	----	----

Pivot = 0

0	20	4	50	93
---	----	---	----	----

- Iterasi 3

0	20	4	50	93
---	----	---	----	----

Pivot = 20

0	4	20	50	93
---	---	----	----	----

- Iterasi 4

0	4	20	50	93
---	---	----	----	----

Pivot = 4

0	4	20	50	93
---	---	----	----	----

- Iterasi 5

0	4	20	50	93
---	---	----	----	----

Pivot = 93

0	4	20	50	93
---	---	----	----	----

- Sorted

0	4	20	50	93
---	---	----	----	----

OUTPUT

A. Bubble Sort

Sorted :

0	4	20	50	93
---	---	----	----	----

B. Selection Sort

Sorted :

0	4	20	50	93
---	---	----	----	----

C. Quick Sort

Sorted :

0	4	20	50	93
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