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Algoritma Campuran

Bubblesort dan Sequentialsort

25 7 9 13 3

$i = 1$ $j = 5$ 25 7 9 13 3

$j = 4$ 25 7 9 3 13

$j = 3$ 25 7 9 13

$j = 2$ 25 7 9 13

$j = 1$ 25 3 7 9 13

$i = 2$ $j = 4$ 3 25 7 9 13

$j = 3$ 3 25 7 9 13

$j = 2$ 3 25 7 9 13

$i = 3$ $j = 4$ 3 7 25 9 13

$j = 3$ 3 7 25 9 13

$i = 4$ $j = 4$ 3 7 9 25 13

hasil Akhir = 3 7 9 13 25

Sequential

0 1 2 3 4

25 | 7 | 9 | 13 | 3

posisi awal = 0 (25)

Akhir = 4 (3)

posisi tengah = $(0 + 4) / 2 = 2$ (9)

1st cari data $\rightarrow 13 = 9 \rightarrow \text{False}$

$\rightarrow 13 < 9 \rightarrow \text{False}$

Cari di kiri

25 | 7 | 9 | 13 | 3

$13 = 7 \rightarrow \text{False}$

$13 < 7 \rightarrow \text{False}$

Cari di kanan

25 | 7 | 9 | 13 | 3

$13 = 9 \rightarrow \text{true}$

data ditemukan