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Data 1 = { 29, 27, 10, 8, 76, 21, 29, 27, 10, 8 }

- > Sequential Search

Stop, Pencarian Sukses

data = {8, 8, 10, 10, 21, 27, 27, 29, 29, 76}, $n = 10$

8, 8, 10, 10, 21, 27, 27, 29, 29, 76 $\rightarrow \text{mid} = (0 + 9) / 2 = 5$

low mid high

21 = 8 ? false

$$\text{high} = \text{mid} - 1 \Rightarrow 5 - 1 = 4$$

8, 8, 10, 10 \rightarrow mid = $(A+1)/2 = 2$

mid = 10 ?

$B = B$? true

Min & Max

→ Straihtmaxmin (best case)

data u : { 8, 8, 10, 10, 21, 27, 27, 29, 29, 76 }

min, max, $u = 8$, Proses pencarian $n-1 = 10-1 = 9$

$i = 2$

$u_2 > \max$? $8 > 8$? false → operasi 1

$i = 3$

$u_3 > \max$? $10 > 8$? true, maka $\max = u_3 = 10$ → Operasi 2

$i = 4$

$u_4 > \max$? $10 > 10$? false → Operasi 3

$i = 5$

$u_5 > \max$? $21 > 10$? true, maka $\max = u_5 = 21$ → Operasi 4

$i = 6$

$u_6 > \max$? $27 > 21$? true, maka $\max = u_6 = 27$ → Operasi 5

$i = 7$

$u_7 > \max$? $27 > 27$? false → operasi 6

$i = 8$

$u_8 > \max$? $29 > 27$? true → maka $\max = u_8 = 29$ → Operasi 6

$i = 9$

$u_9 > \max$? $29 > 29$? false → operasi 8

$i = 10$

$u_{10} > \max$? $76 > 29$? true → ~~operasi 9~~ maka $\max = u_{10} = 76$

operasi 9

Jadi min = 8 & max = 76

•> Teknik D & C

data = { 6, 8, 10, 10, 21, 27, 27, 29, 29, 76 }

1 2 3 4 5 6 7 8 9 10

~~1, 10~~

