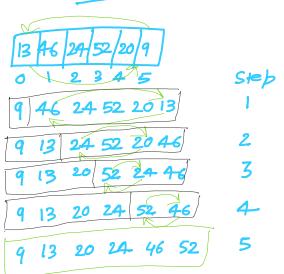
Thursday, 30 May 2024 4:31 PM

Selection Sout



Waite Sudo Code

- 1) Swap at index 0 & minimum index[0-n-1]
- 2) Swap at Index I & minimum index [1-n-1]
- 3 Swap at index 2 & minimum index [2-n-1]:

Swap at index n-2 4 minimum index [n-2-

Why

See above 4th Step

$$9 13 | 20 | 24 | 52 | 46$$
 $9 13 | 20 | 24 | 52 | 46$
 $9 13 | 20 | 24 | 52 | 46$

$$\begin{cases} \min = L; \\ \log(j=i;j <= n-1;j+t) \end{cases}$$

$$\begin{cases} ij (aw[j] < aw[min]) \\ \min = j; \end{cases}$$

$$\begin{cases} \text{Swap } (avr[min], avr[i]) \end{cases}$$

$$\begin{cases} \text{Swap } (aw[min], avr[i]) \end{cases}$$

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$$\begin{cases} \text{Swap } (aw[min], avr[i]) \end{cases}$$

$$\begin{cases} \text{Acmp } = aw[min] \\ avr[min] = aw[i] \end{cases}$$

$$\begin{cases} \text{Avmp } = aw[min] \end{cases}$$

$$\begin{cases} \text{Avmp } = aw[min]$$