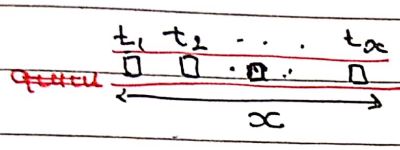
Refinement - 1 :



Linked list

or

condition : 1

$\Delta < 2x$

intermediate step (i^{th})

$$\Delta = \sum_{i=1}^{x-1} |t_i - t_{i+1}|$$

$\Delta \geq 2x$

t_{avg} = t_{avg}

$(i+1)^{th}$ step

$\Delta := \Delta - |q.pop() - q.top()|$

$+ |q.last() - q.push\_back(t_{x+1})|$

$t_{median} = t_{median}.next$

if ($\Delta \geq 2x$) repeat from the last step for next x values/images

else if

$t = t_{median}$.