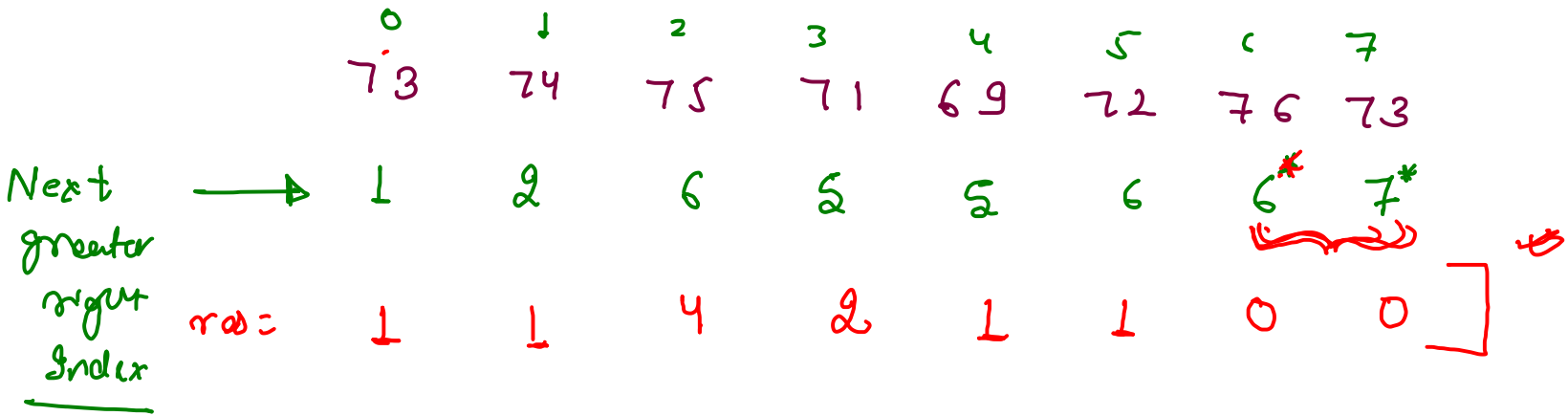
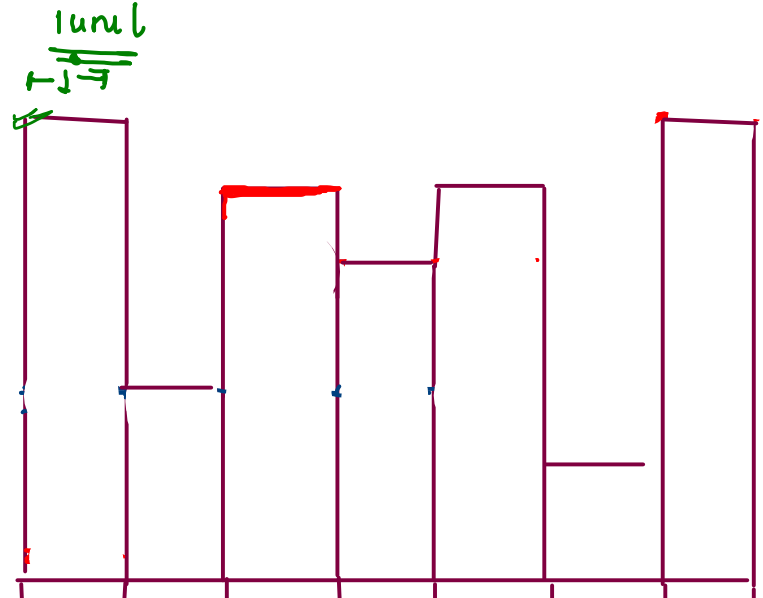
Daily temperature

For example, given the list of temperatures `temperatures = [73, 74, 75, 71, 69, 72, 76, 73]`, your output should be `[1, 1, 4, 2, 1, 1, 0, 0]`.



Largest Area Histogram

width = rsi[i] - lsi[i] - 1



array → | 6 | 2 | 5 | 4 | 5 | 1 | 6 |

0 1 2 3 4 5 6

max = ~~0~~ 6 ~~10~~ 12

left smaller index

| -1 | -1 | 1 | 1 | 3 | -1 | 5 |

→ O(n)

right smaller index

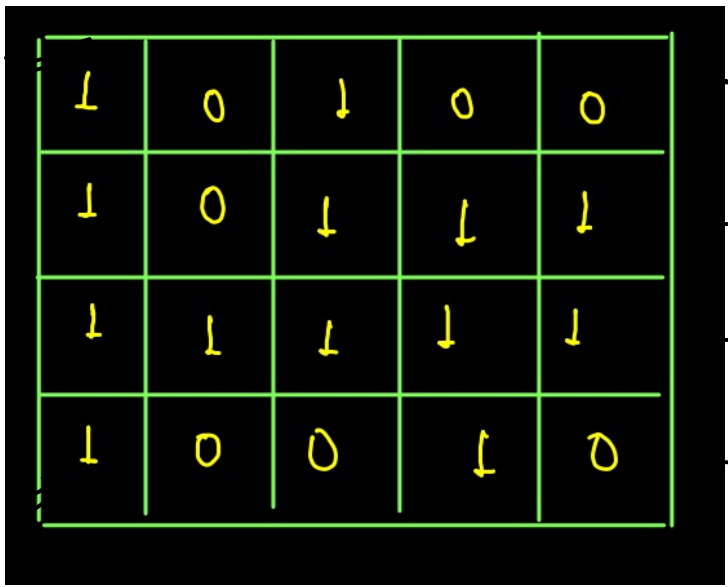
| 1 | 5 | 3 | 5 | 5 | 7 | 7 |

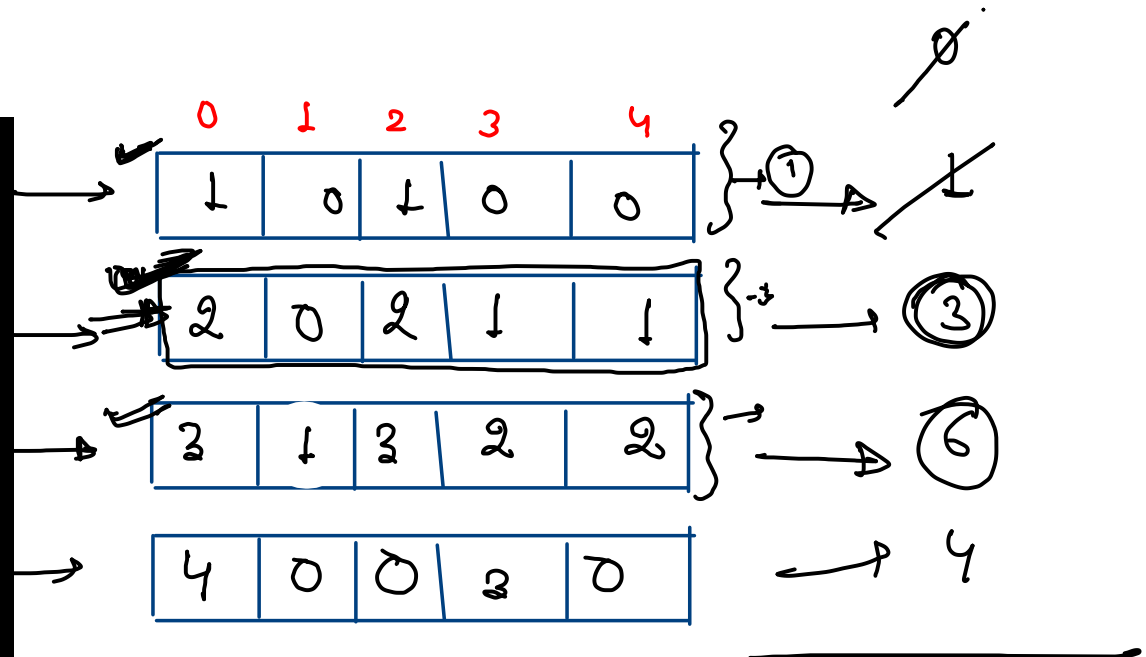
→ O(n)

Area =

width →	1	5	1	3	1	7	1
height →	6	2	5	4	5	1	6
Area →	6	10	5	12	5	7	6

Maximal Rectangle-





What?

Why?

How?

arr[i][j] = = 1

height +

arr[i][j] = 0

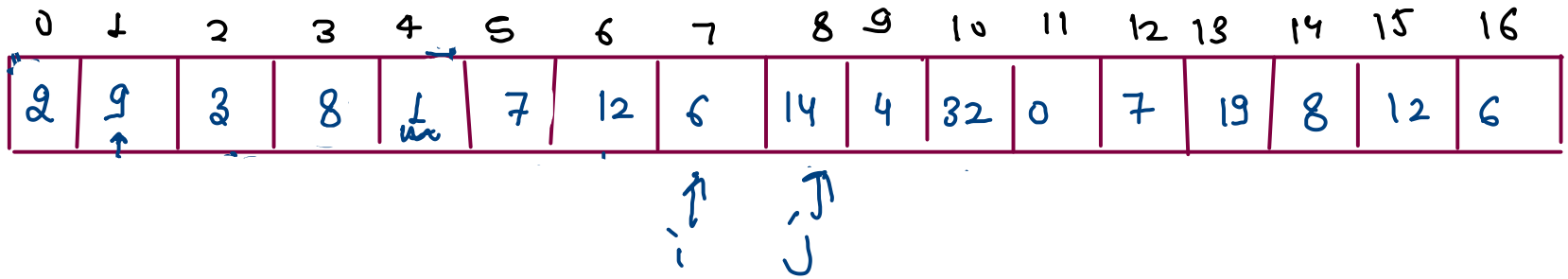
omax = 6

Sliding Window Max

$k = 4$

$i + k \geq j$

What ?
Why ?
How ?



ngrIndex

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	6	2	6	5	6	8	8	10	10	17*	12	13	17*	15	17*	17*

9 9 8 12 12 14 14

9 9 8 12 12 14 14 32 32 32 32 19 19 19