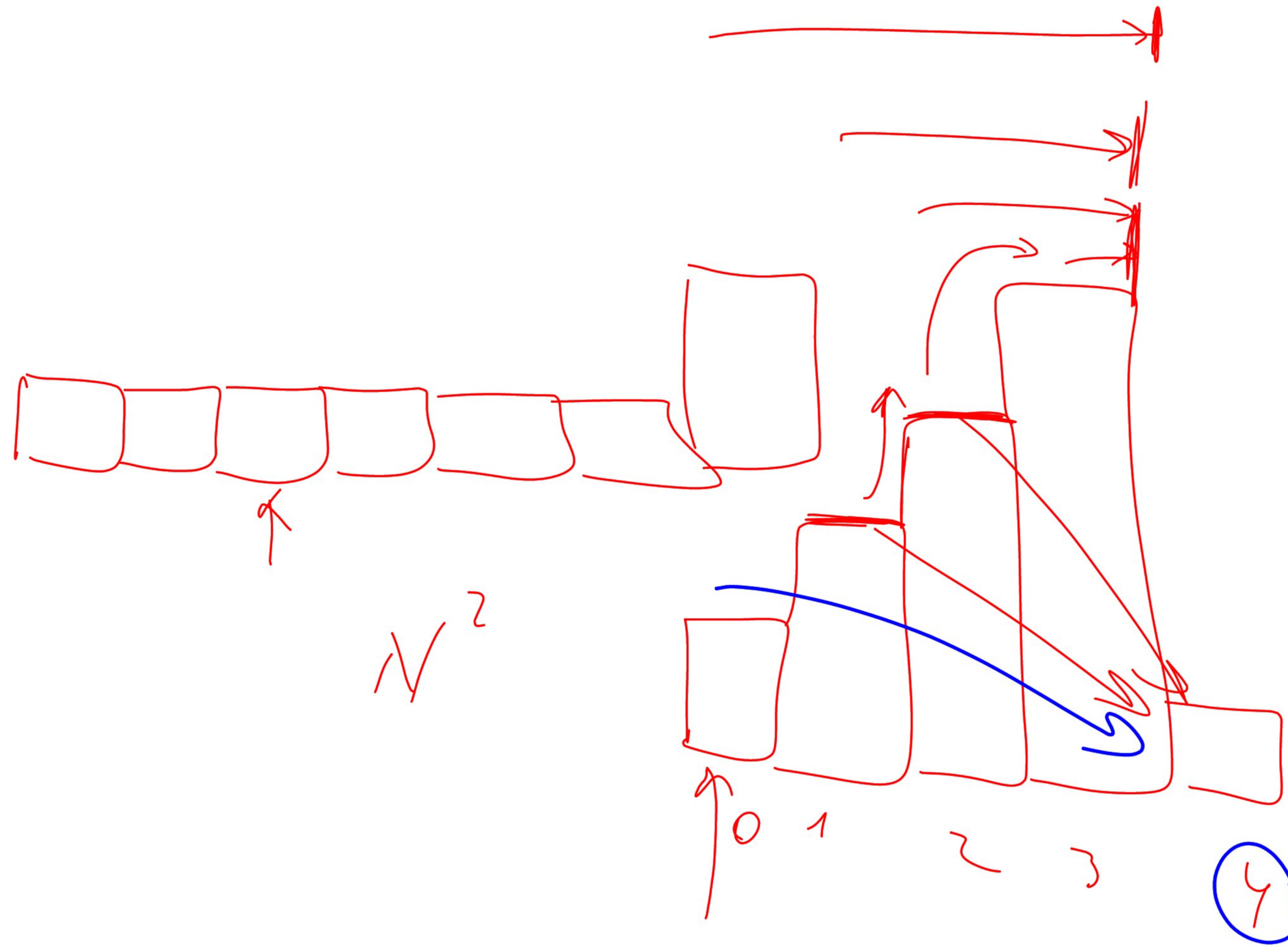
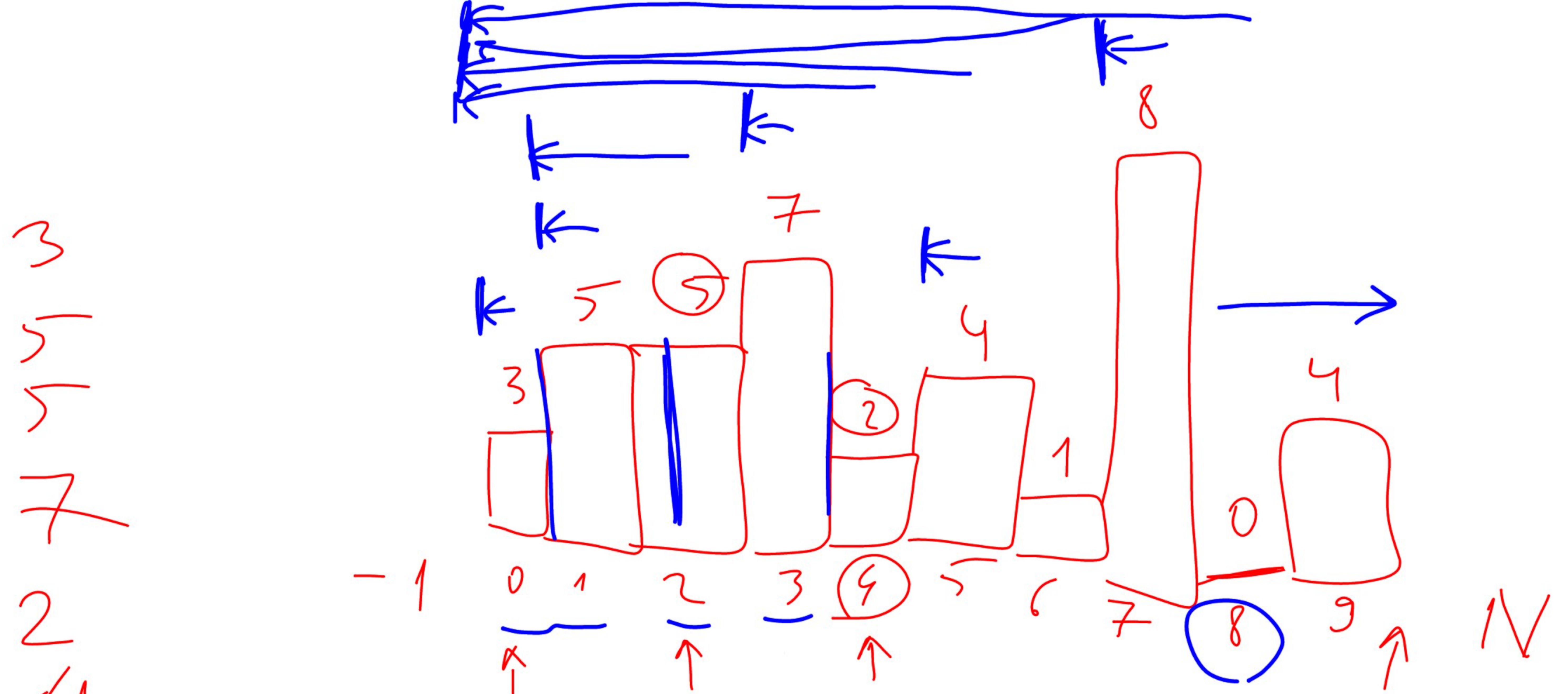


st:  $q_1, 0$





$O(N)$  pt

$O(N)$

N aold

W pop

comp  
' op.

St : 8

1  
8  
0

$\text{left}[i] = j$  |  $\text{arr}_i = \text{wrcl}_r$

right  $\{i\} = k$

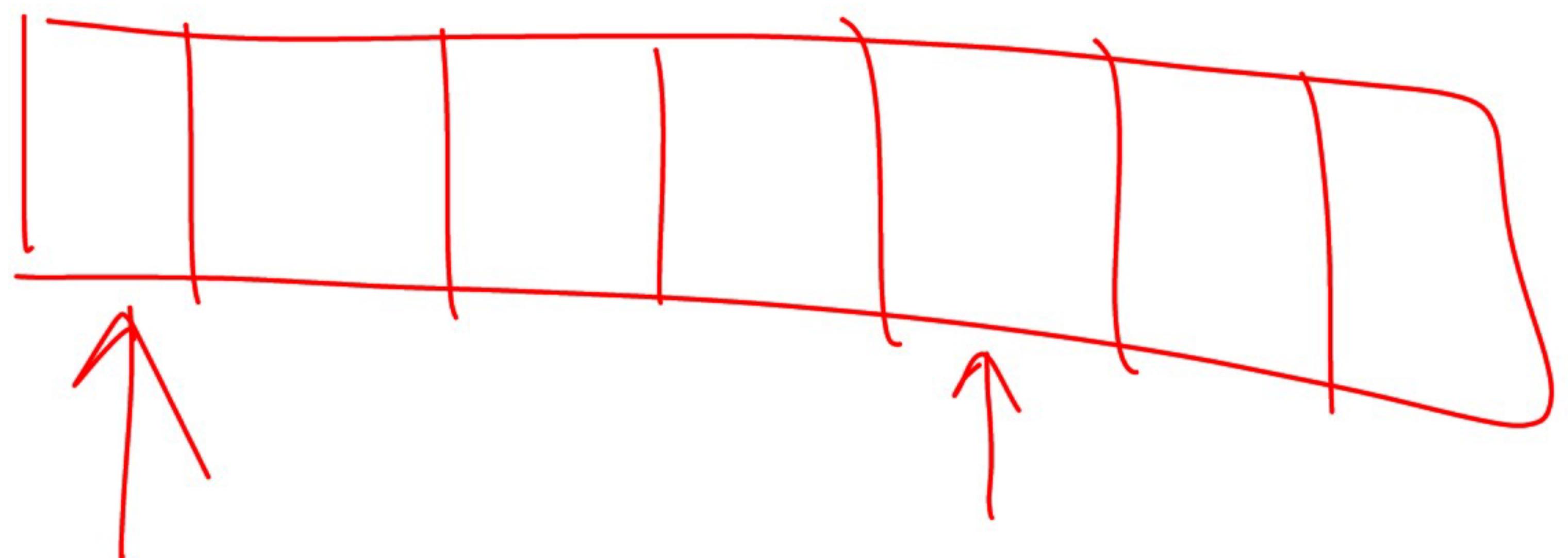
$$aria = nrcll \cdot h[i]$$

$$\rightarrow l[i] = j$$

$$\rightarrow r[i] = k$$

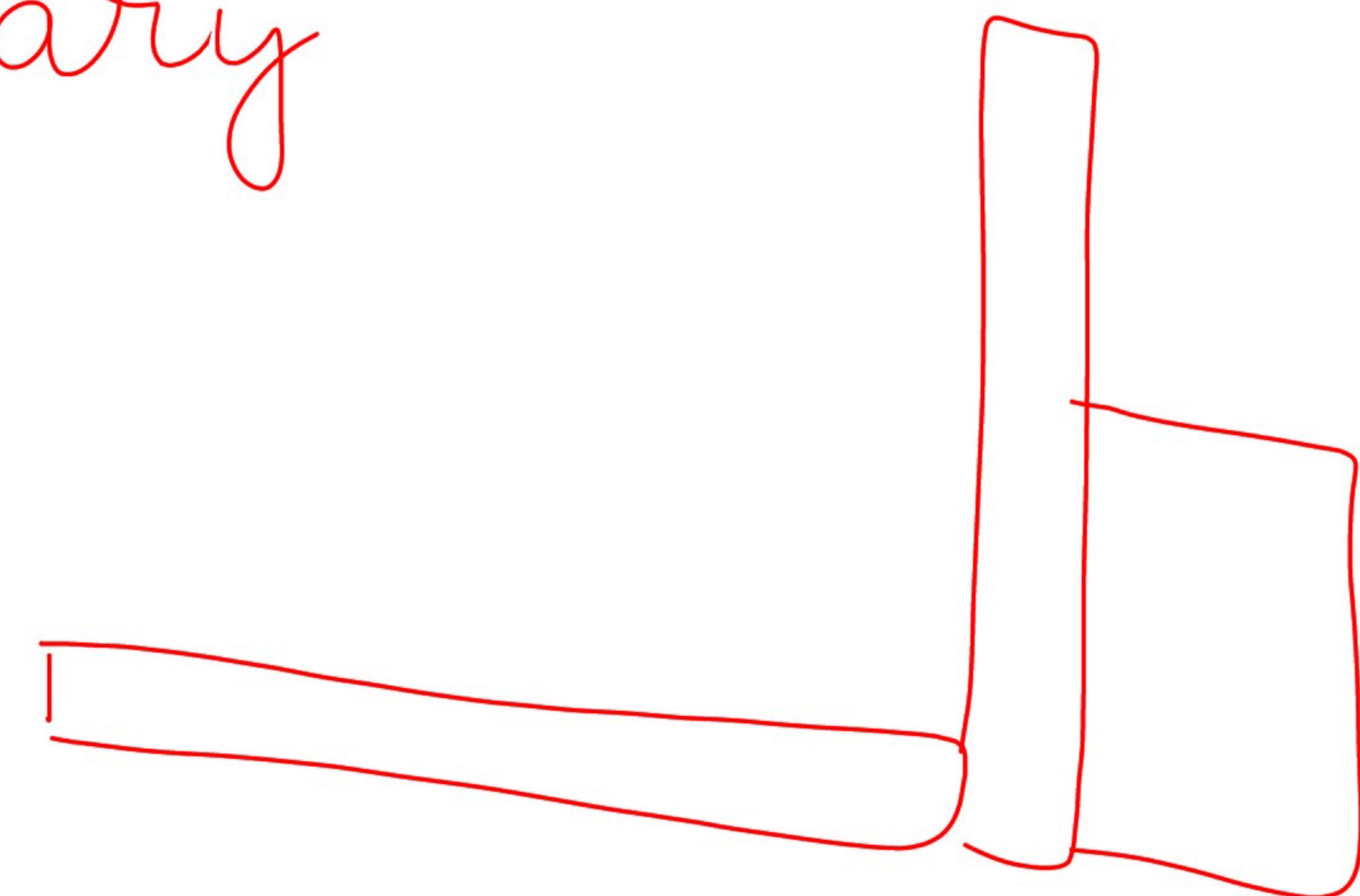
$$nrcll = K - j - 1$$

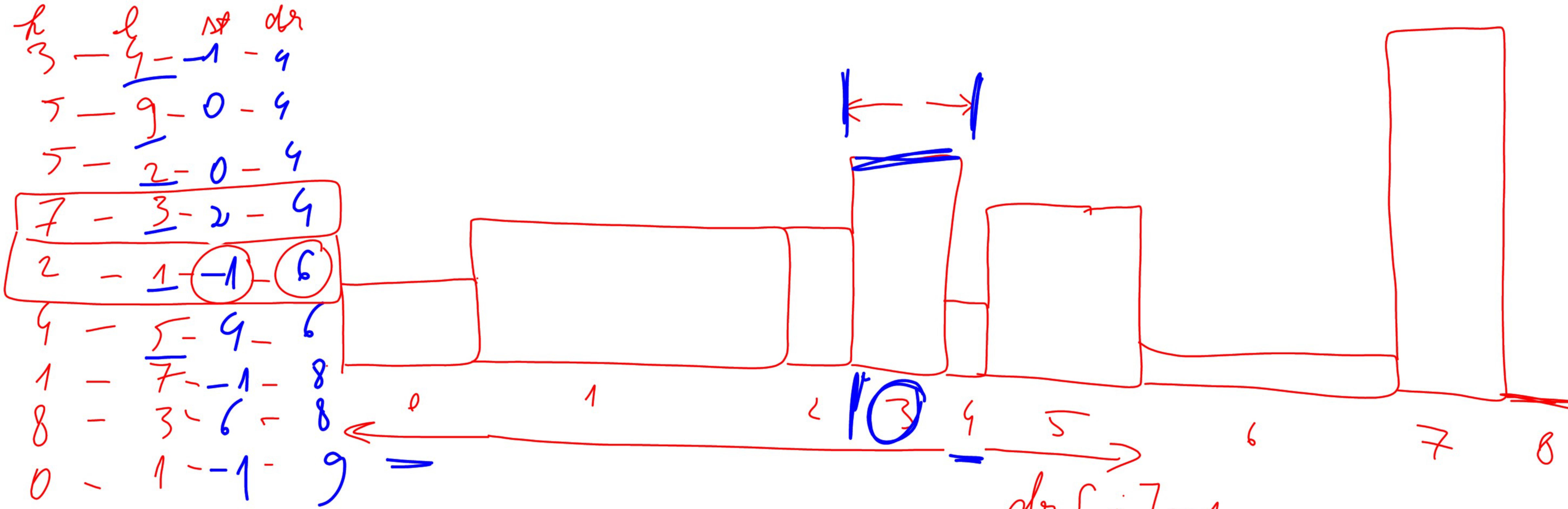
↓  
↓



Standard  
Template  
library

#include <stack>



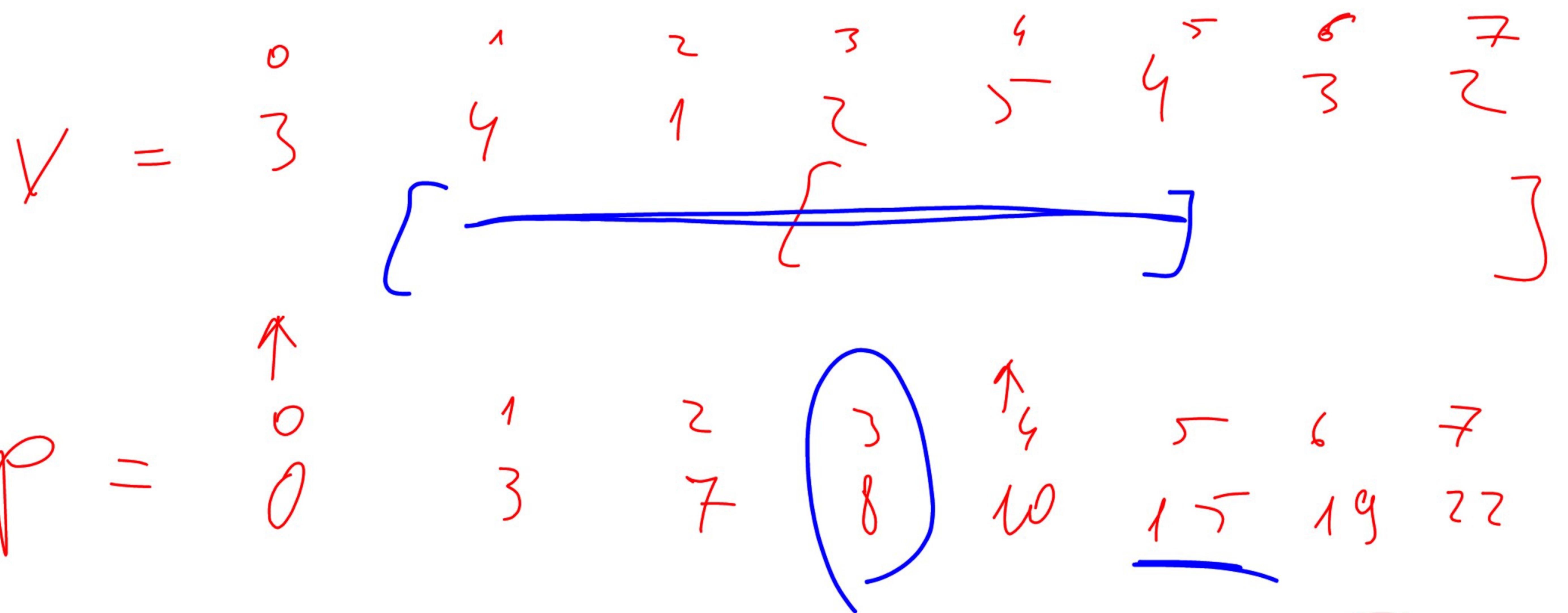


$$area = \underline{h[i]} * \sum_{j=st[i]+1}^{dr[i]-1} l[i]$$

$$i = 3$$

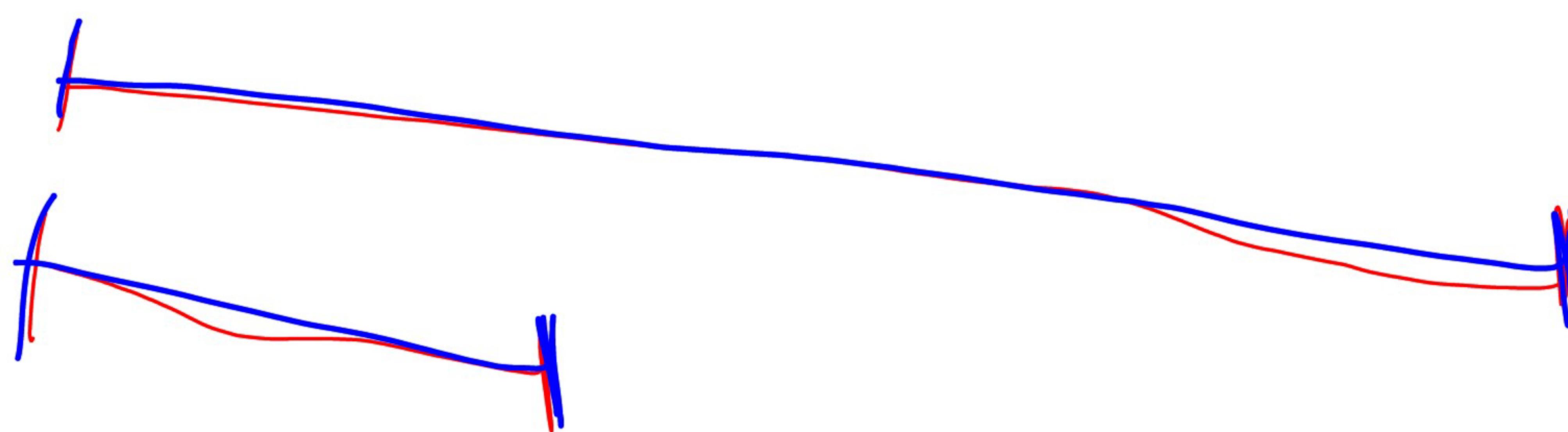
$$i = 9$$

$$area = \underline{2} * 24 = 48$$



$$sp[0] = 0$$

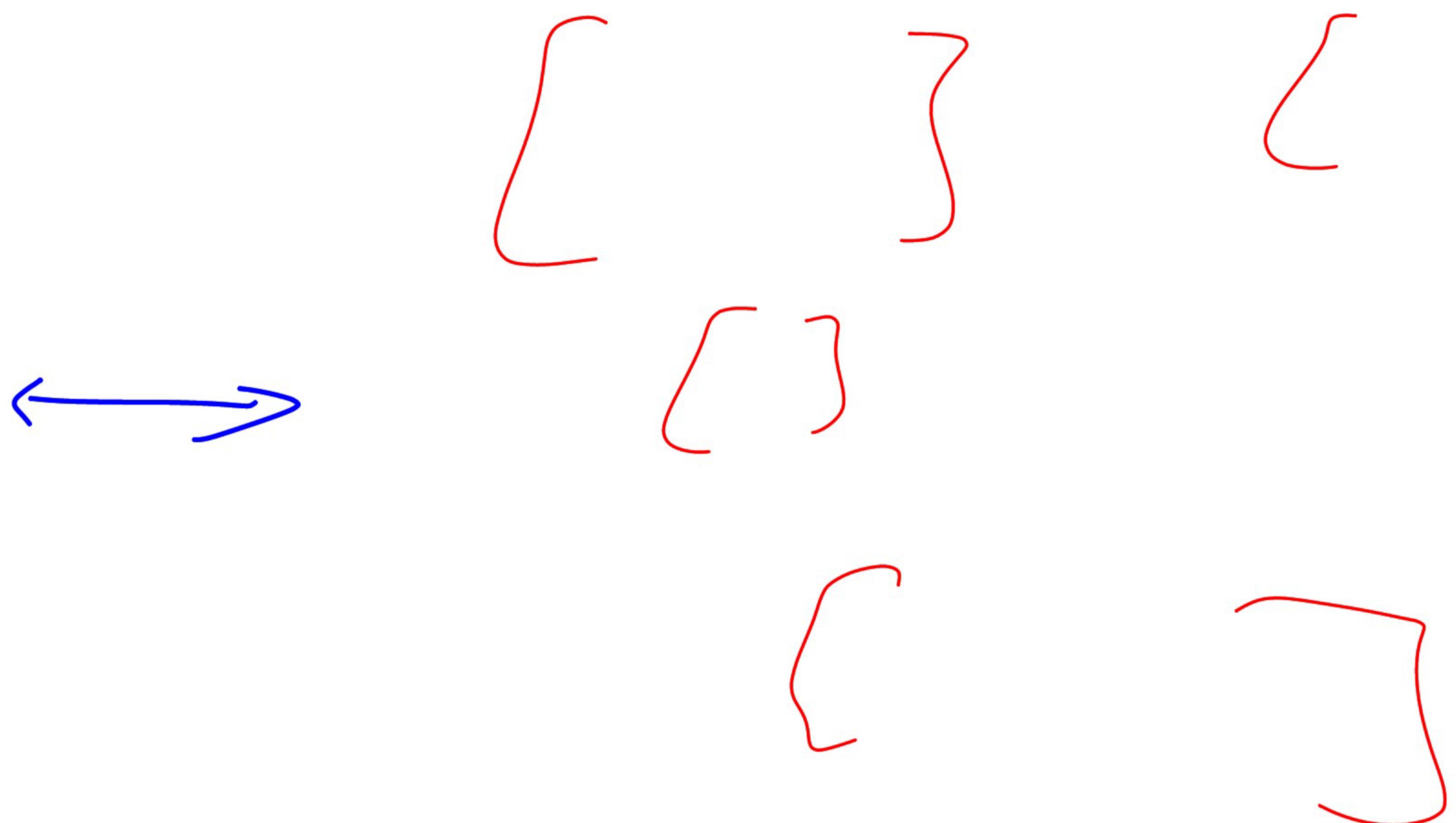
$$sp[i+1] = sp[i] + v[i]$$



$$\begin{aligned}
 & \sum_{i=2}^5 v[i] \\
 &= \sum_{i=0}^5 v[i] - \sum_{i>0}^1 v[i] \\
 &= sp[5+1] - sp[2]
 \end{aligned}$$

$$\sum_{i=\ell}^n$$

$$v[i] = sp[n+1] - sp[\ell]$$



$$\overline{a+b}$$

$$\begin{matrix} 1 & 2 & 4 & 3 & 5 \\ 5 & 3 & 4 & 2 & 1 \end{matrix}$$

