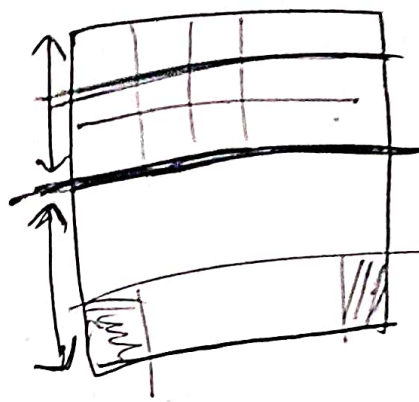
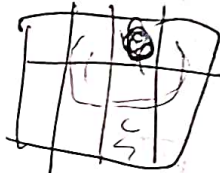
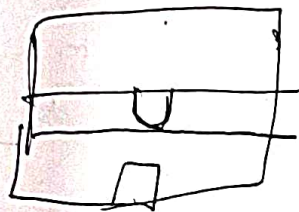


diff



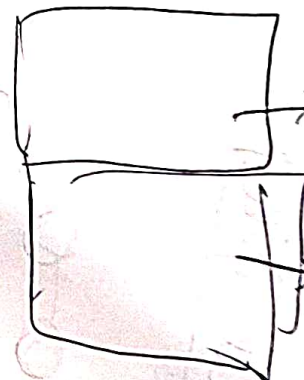
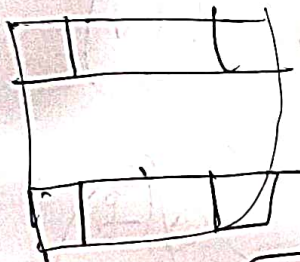
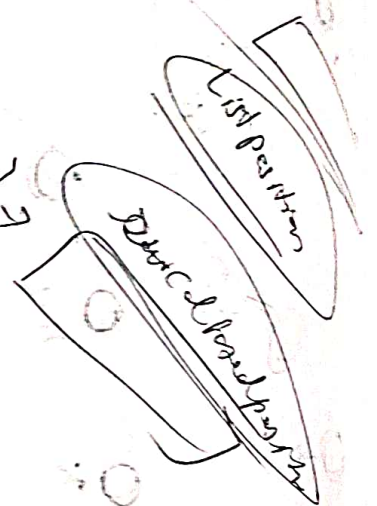
$\text{val}(i,j) \Rightarrow$

Case 1



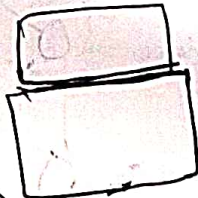
2 rows

$\text{val}(i,j) \Rightarrow$

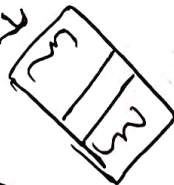


half

rem



RowStack

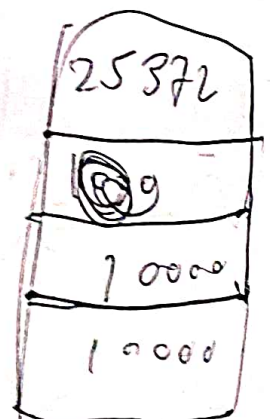


Long

$\text{pos} \neq 0$



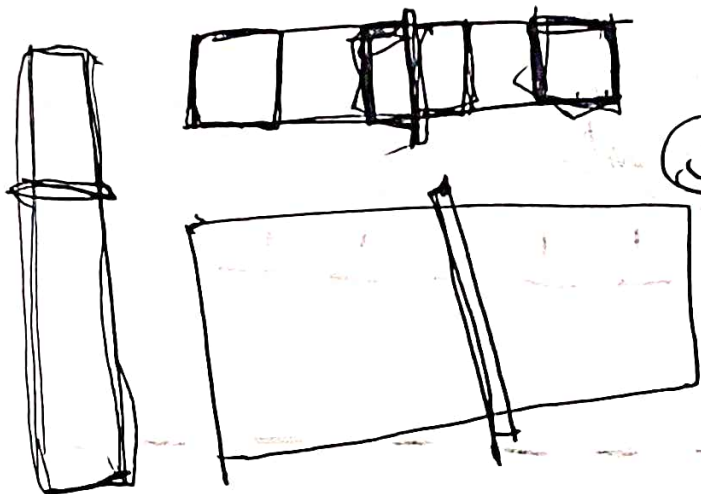
Collecting binary fees



$\text{NV} - (pos + 1)$

$\text{pos} - m = \text{pos} + 1$

$\text{pos} - \text{NV} - 1 = \text{pos}$



$j$

$n=1$

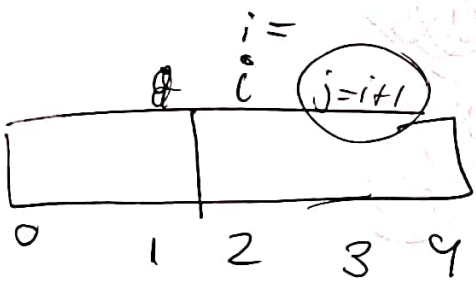
$2^i$

min weight

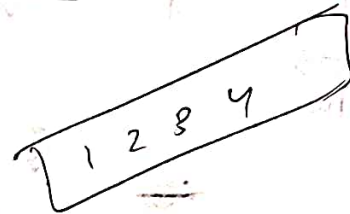
$wt > wt$

$2^i$

$\rightarrow$



size / 2



while ( $i \geq 0$  &&  $j < n$ ) {

val[i] = maxVal;  
maxVal = val[i];  
i--;

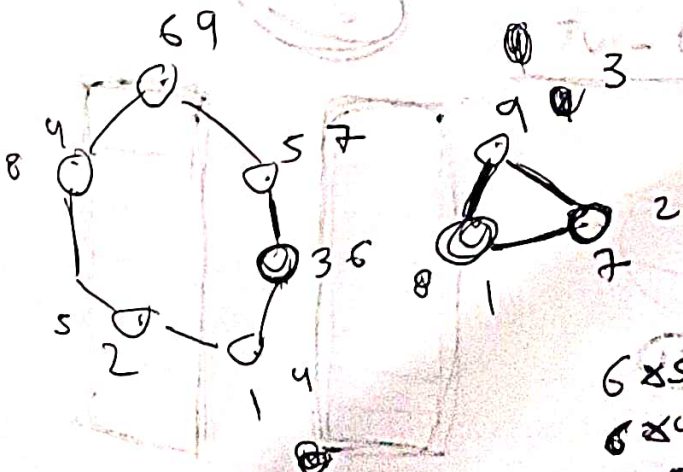
val[j] = maxVal;  
maxVal = val[j];  
j--;

0 1 2 3

$4/2$

$d/2$

987  
788  
889



6x5 - 3x3

6x4 - 4x2 - 2x1

( 9x8 - 7x6 - 6x4  
9x7 - 8x5 - 5x4 )

( 3x2  
3x1 - 1x2 )