

$n$   
 $s \quad b$   
 $ab$

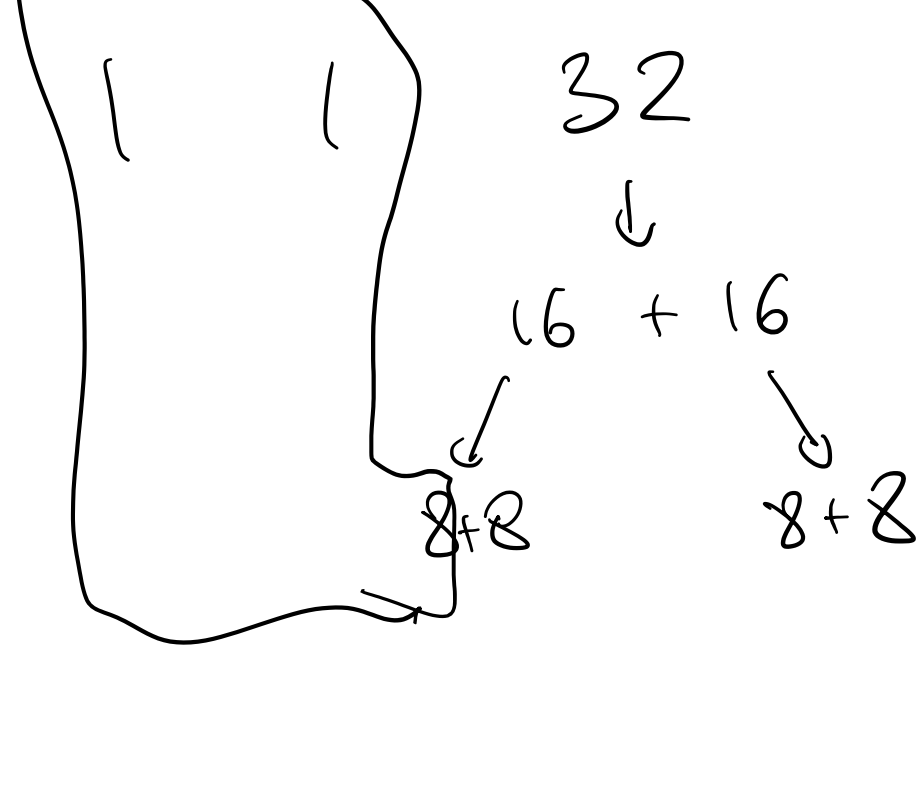
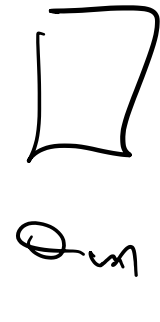
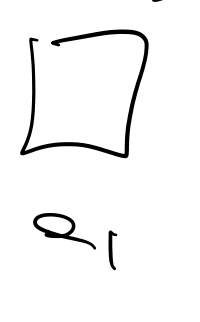
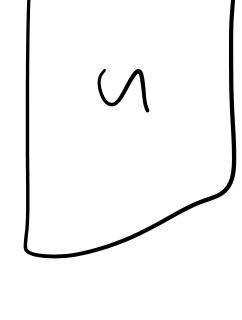
code doc

code

$z \times z y t y$

$tyzx$  X

$xzyt$  X



10

1010 \*2 1 0

8 4 2  
4 2

large left  
 16 4

remove (16)  
 large  $\rightarrow 8$  rest  
 add (8)  
 large  $\rightarrow 4$  rest  
 add (4)

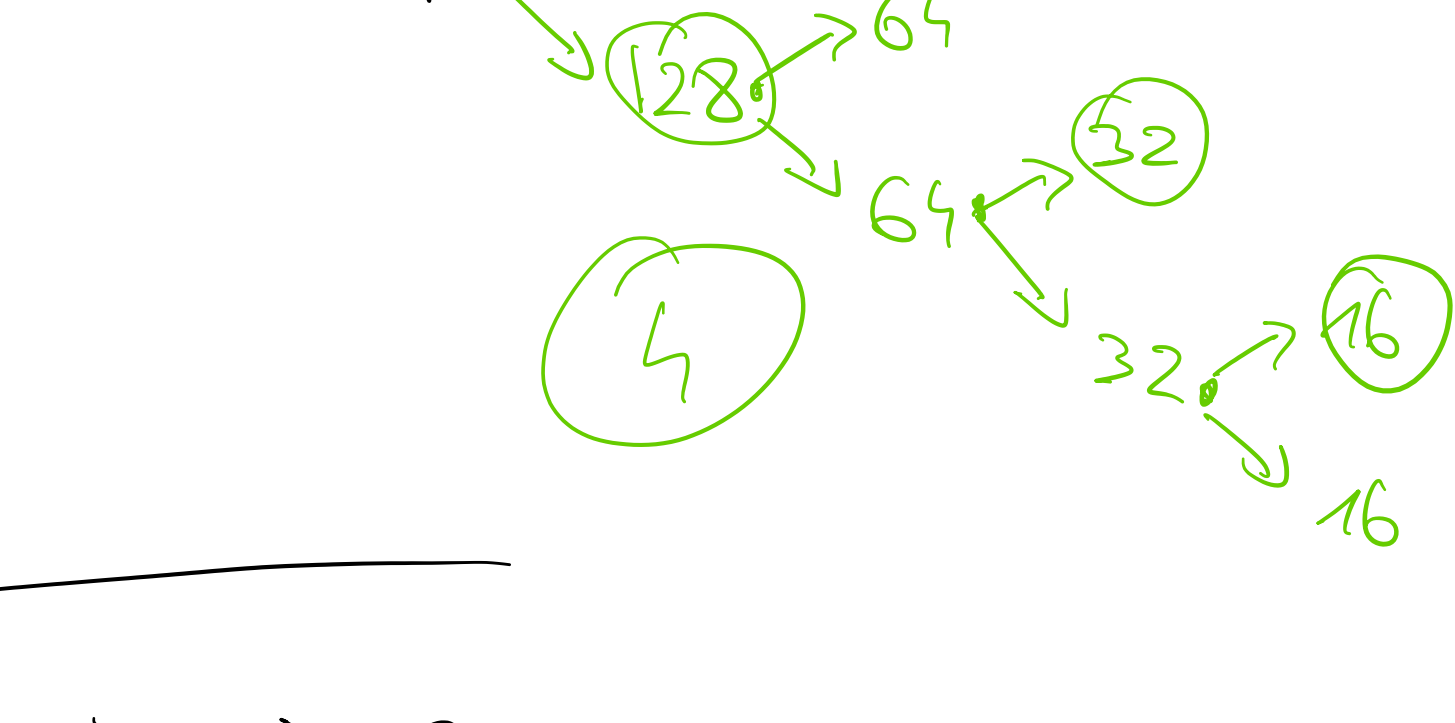


$\rightarrow$   $4, 5, 6$

182  
 128 64 32 16 8 4 2 1  
1 0 1 1 0 1 1 0

1 \* 3 ✓✓

2 \* 2 ✓✓



$\rightarrow \rightarrow p$

op at root 2x

choose subseq.

excess from  $\rightarrow$

add to p

$\geq$  +  
ababcd .

ba abc

d abcba

ababcd



abcba ?

DP a b a b c d  
/. ab/.

consider all splits

$\rightarrow \rightarrow t_1 \rightarrow t_2$

$$\begin{cases} t_1 \leq 1 \\ t_2 \leq (1 - t_1) \\ t = t_1 + t_2 \end{cases}$$

a b a b c d  $t_1 = abc$   
 $t_2 = ba$

max  $t_1$   $1/6$   $2/6$  ...

max  $t_2$   $1/6$   $1/2$   $2/2$  3/2



$(1,0)$   $(2,0)$   $(1,2)$   
 $(1,1)$  1