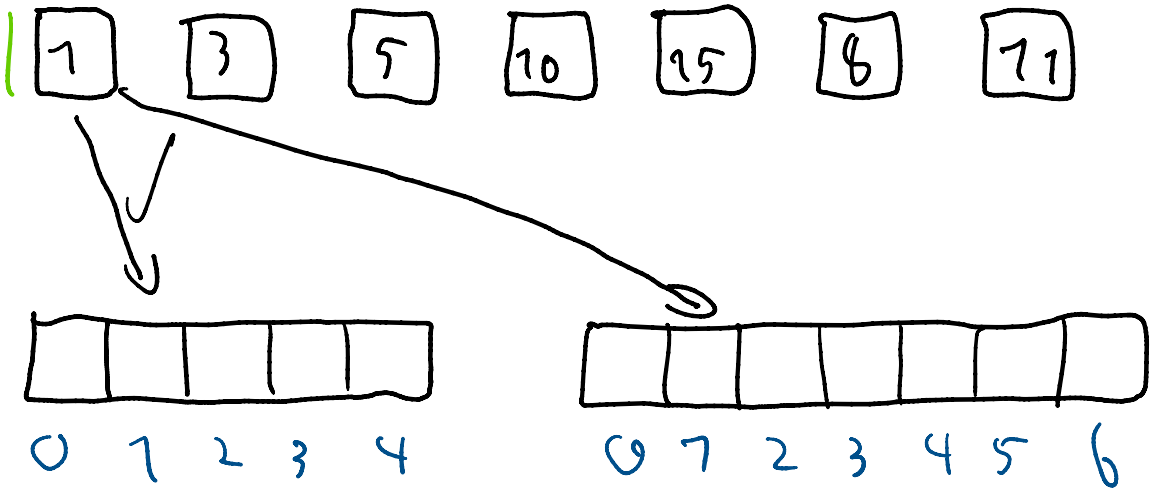
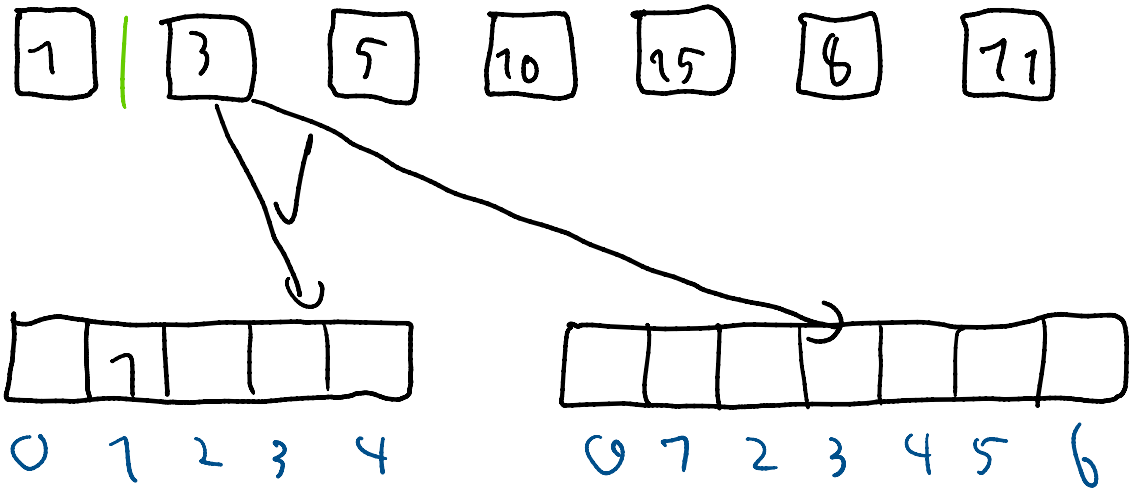
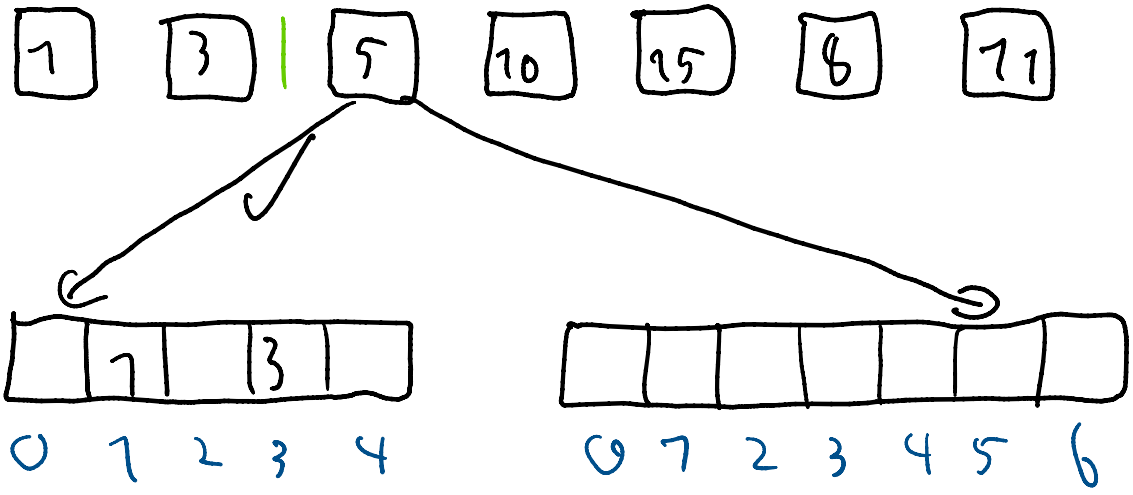
H9 A1

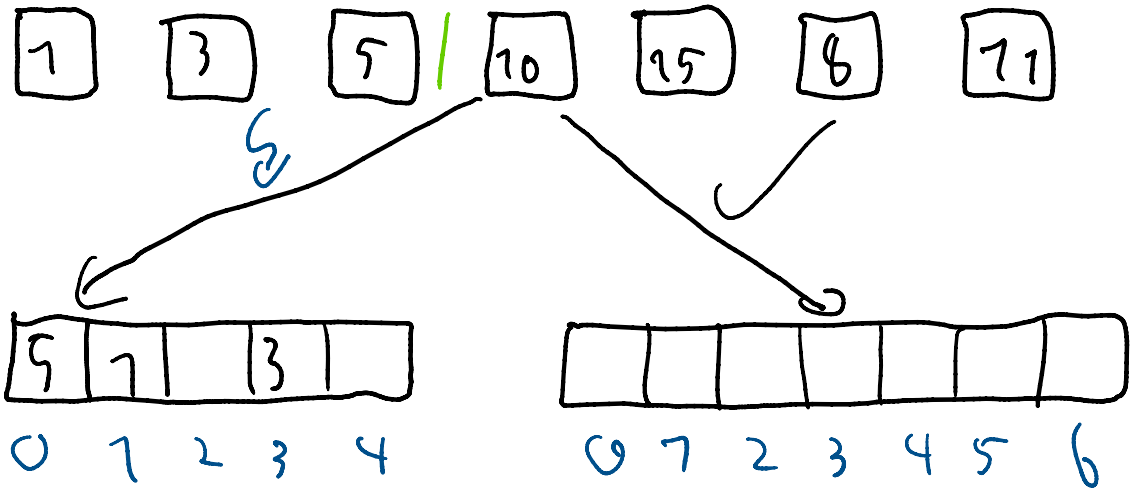
Freitag, 10. Juni 2022 19:01

Aktueller Fortschritt





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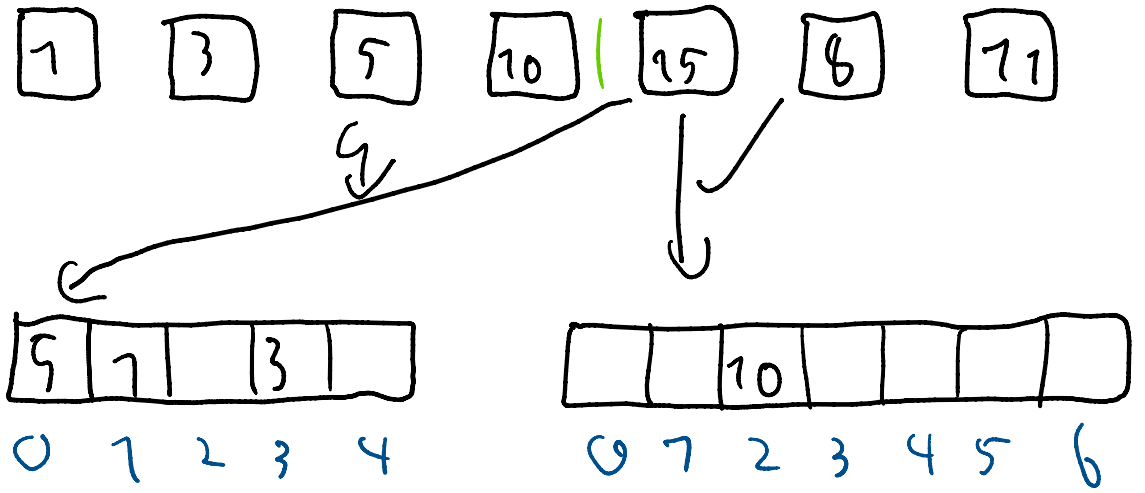
5 7 3
0 1 2 3 4
0 1 2 3 4 5 6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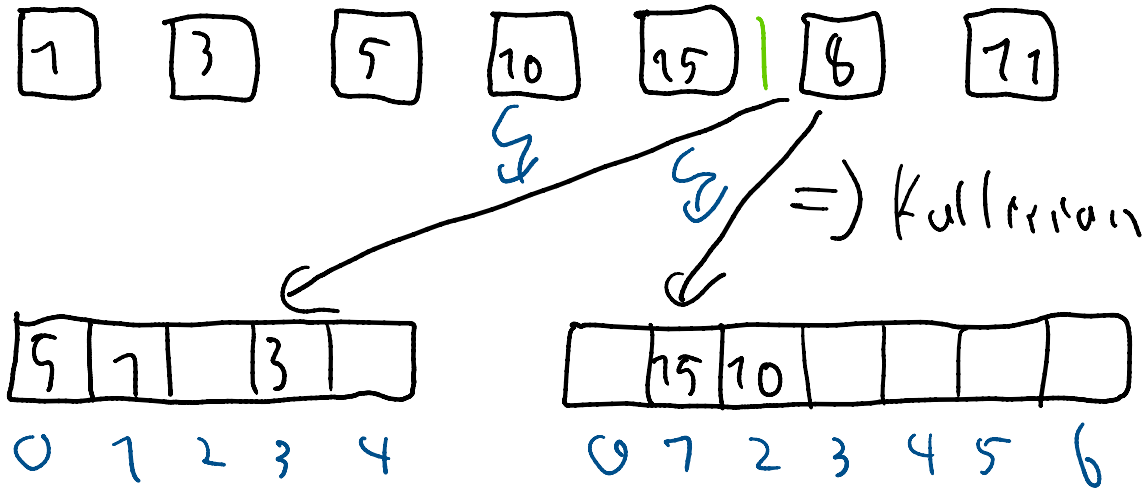
1 3 5 10 15 6 11
=) Kollision
5 7 3
15 10
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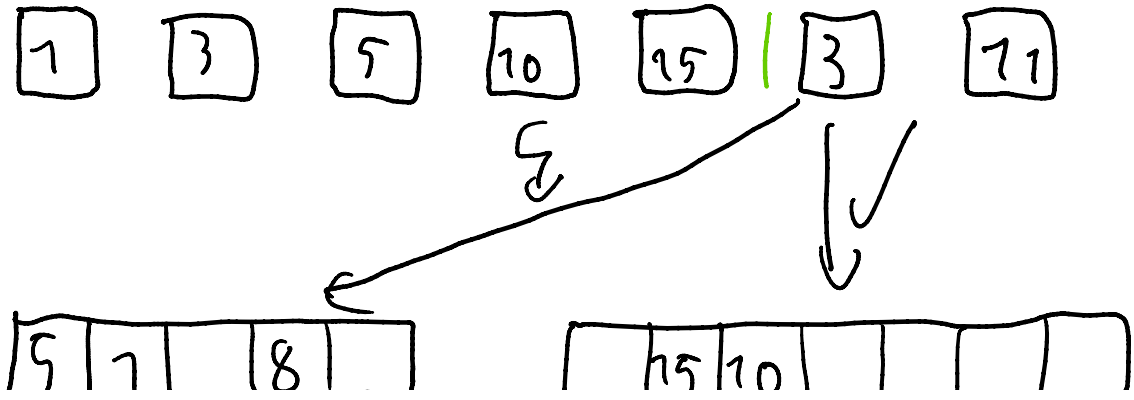
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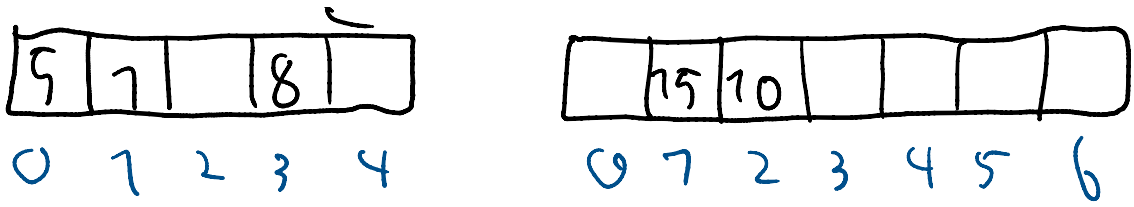
5 7 8
0 1 2 3 4
15 10
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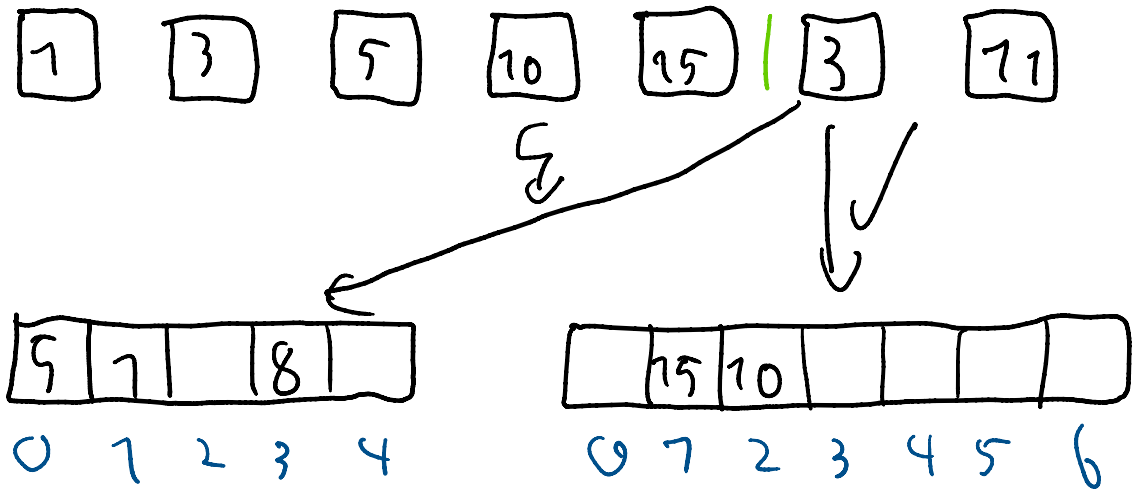
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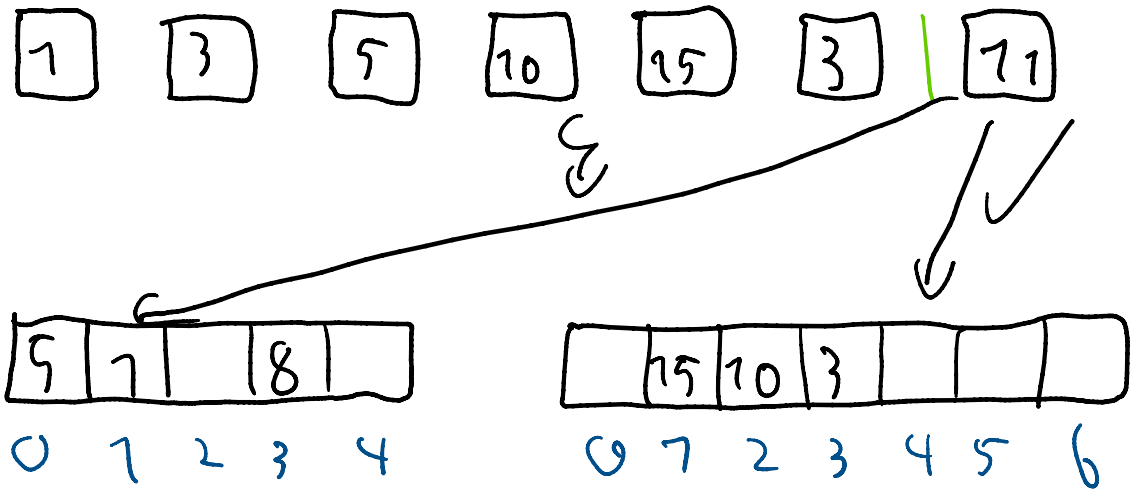
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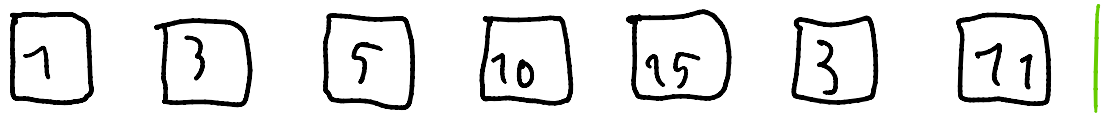
1 3 5 10 15 3 11

5 7 8
15 10 3 11

b) Sei $h(x,i) = h'(x) + \frac{1}{2}i + \frac{1}{2}i^2 \bmod 11$

$$h'(x) = x \bmod 11$$

$13 \bmod 11 = 2$
$30 \bmod 11 = 8$
$7 \bmod 11 = 7$
$5 \bmod 11 = 5$
$39 \bmod 11 = 6$
$17 \bmod 11 = 6$
$34 \bmod 11 = 1$
$23 \bmod 11 = 1$
$35 \bmod 11 = 2$

0	–	
1	34	↓ h(23,0)
2	13	↓ h(23,1) ↓ h(35,0)
3	35	← h(35,1)
4	23	← h(23,2)
5	5	
6	39	↓ h(17,0)
7	7	↓ h(17,1)
8	30	
9	17	← h(17,2)
10	–	