4.3 a[] = { -5, 13, -32, 7, -3, 17, 23, 12, -35, 19 }

Mergesort

a[0,9]

a[0,4]   a[5,9]

a[0,1]   a[2,4]   a[5,6]   a[7,9]

a[0,0]   a[1,1] a[2,2] a[3,4] a[5,5] a[6,6] a[7,7] a[8,9]

a[3,3]   a[4,4]   a[8,8]   a[9,9]
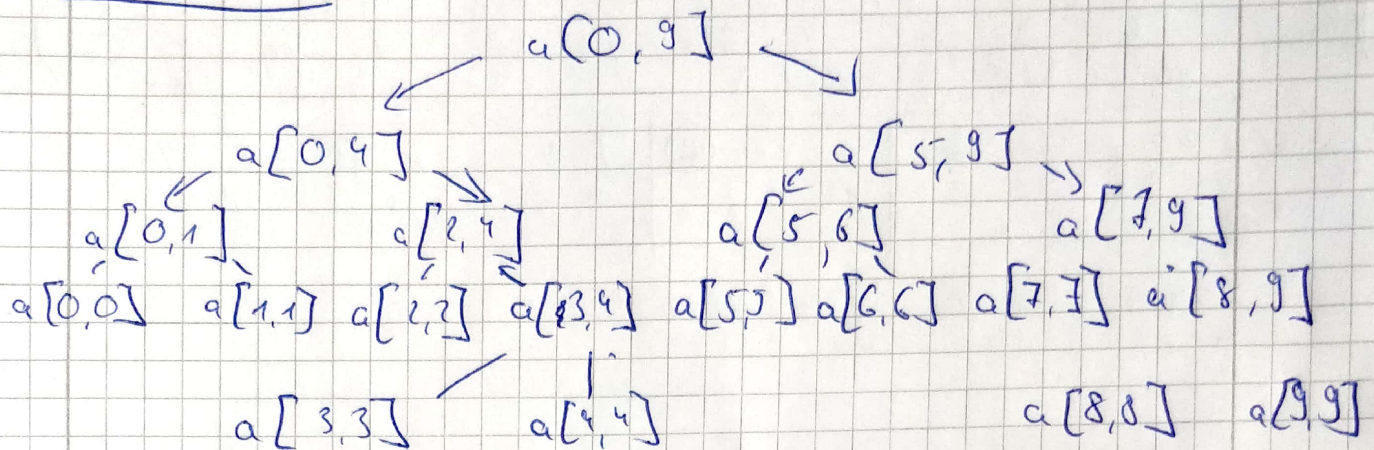
a[3,4] Mischen		-5	13	-32	-3	7	17	23	12	-35	19
a[0,1]	"	-5	13	-32	-3	7	17	23	12		
a[2,4]	"	-5	13	-32	-3	7					
a[0,4]	"	-32	-5	-3	7	13					
a[8,9]		-32	-5	-3	7	13	17	23	12	-35	19
a[5,6]		-32	-5	-3	7	13	17	23			
a[7,9]	-32	"				17	23	-35	12	19	
a[5,9]	"					-35	12	17	19	23	
a[0,9]		-35	-32	-5	-3	7	12	13	17	19	23

Heapsort

Bild Heap

Swap

Heapify

Swap

Usw.