

## Boxes - Tracetable

n: number = 5

Nr	color: string	x: number	y: number	i: number	size: string	Kommentar
4		0				
5			0			
6				0		$i < n \rightarrow \text{true}$
7			50			$i := 2 \rightarrow \text{false}$
8		170				$170 \% 400 = 170$
10	#ff0000					case 0 weil $i = 0$
23					"big"	
24						create Box
23					"medium"	
24						create Box
23					"small"	
24						create Box
6				1		$i++$
7			100			$i := 2 \rightarrow \text{false}$
8		340				$340 \% 400 = 340$
10	#00ff00					case 1 weil $i = 1$
23					"big"	
24						create Box
23					"medium"	
24						create Box
23					"small"	
24						create Box
6				2		$i++$
7			120			$i := 2 \rightarrow \text{true}$
8		110				$510 \% 400 = 110$
20	#0000ff					default weil kein case 2
23					"big"	
24						create Box
23					"medium"	
24						create Box
23					"small"	
24						create Box
6				3		$i++$
7			170			$i := 2 \rightarrow \text{false}$
8		280				$280 \% 400 = 280$
18						continue
6						

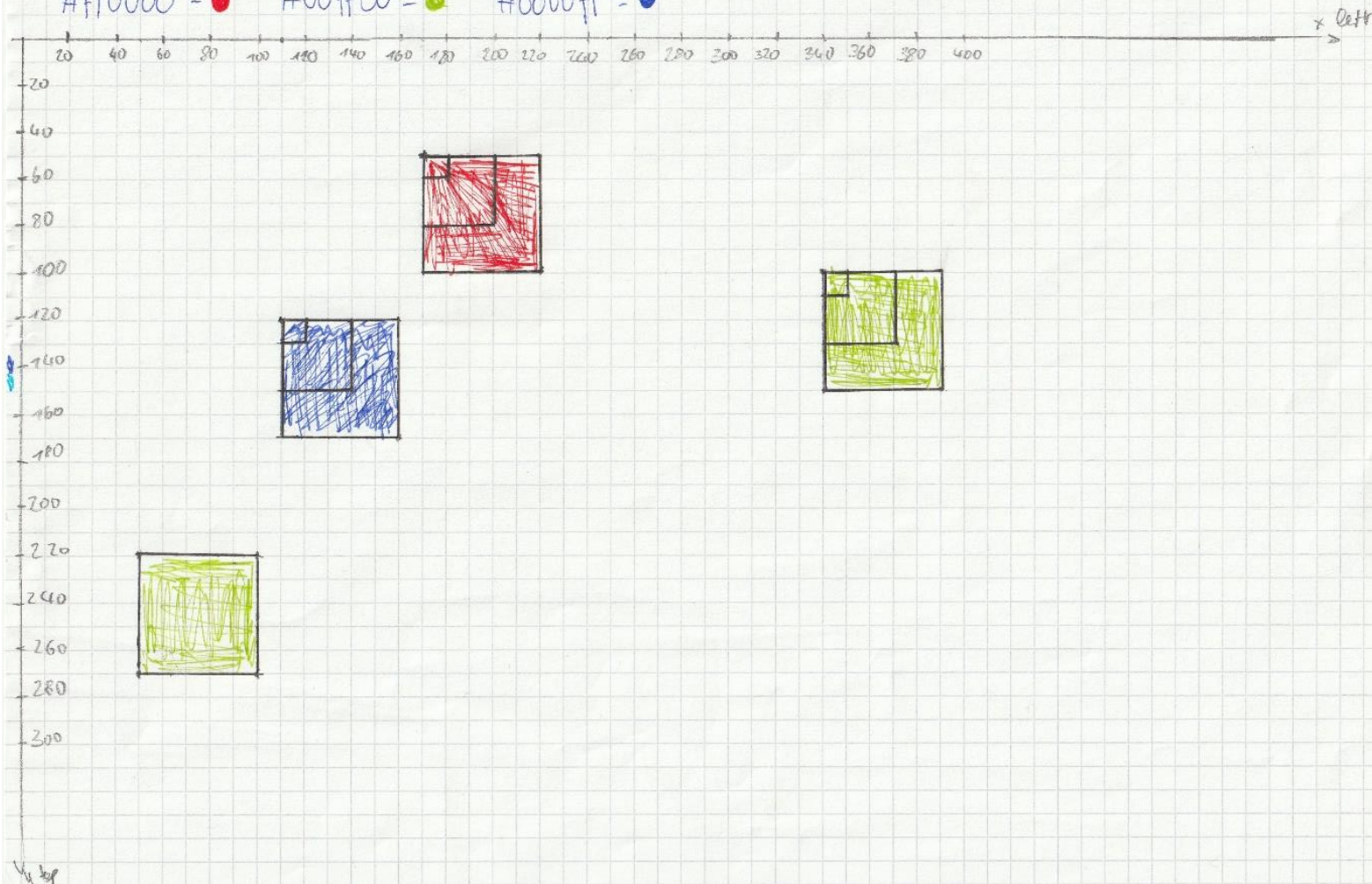
7			220			$i := 2 \rightarrow \text{false}$
8						$480 \% 400 = 80$
15	#00ff00	50				case 4
23					"big"	
24						create Box
25						$i := 4 \rightarrow \text{true}$
26						break



# create Box

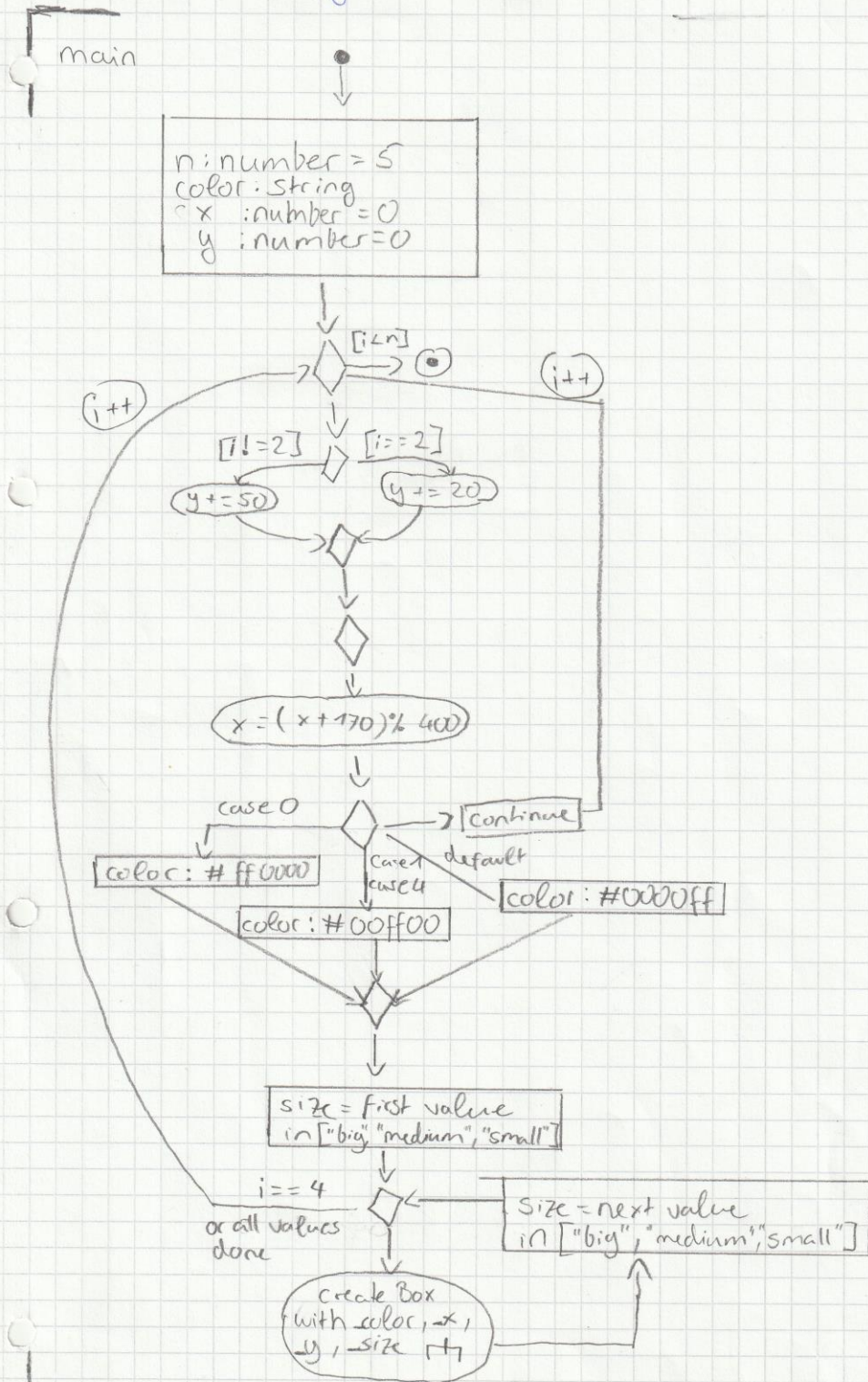
Nr	color:string	x:number	y:number	Size:string	Kommentar
31	#ff0000	170	50	"big"	
32					Neues div Element wird erstellt
33					wird zum body hinzugefügt
34					klasse von div = "big"
35					style: backgroundcolor = #ff0000
36					left: 170px
37					top: 50px
31	#ff0000	170	50	"medium"	Neues div Element
					class = medium
					rest so wie bei box davor
37	#ff0000	170	50	"small"	so wie davor nur mit
					class = small
37	#00ff00	340	100	"big"	Neues div element, class = big
					style backgroundcolor = #00ff00
					left: 340px top = 100px
37	#00ff00	340	100	"medium"	so wie davor nur mit
					class = medium
37	#00ff00	340	100	"small"	so wie davor nur mit
					class = small
37	#0000ff	110	120	"big"	Neues div element, class = big
					backgroundcolor = #0000ff
					left: 110px top = 120px
37	#0000ff	110	120	"medium"	so wie davor nur mit
					class = medium
37	#0000ff	110	120	"small"	so wie davor nur mit
					class = small
37	#00ff00	50	220	"big"	Neues div Element, class = big
					backgroundcolor = #00ff00
					left: 50px top: 220px

#ff0000 = ● #00ff00 = ● #0000ff = ●





# Boxes Aktivitätsdiagramm



create Box

`_color: string, _x: number  
_y: number, _size: string`



`div: HTMLDivElement  
create new div Element`



append to body



add class to div element  
class = \_size



`div.style.backgroundColor = _color,  
div.style.left = _x + "px",  
div.style.top = _y + "px",`

