

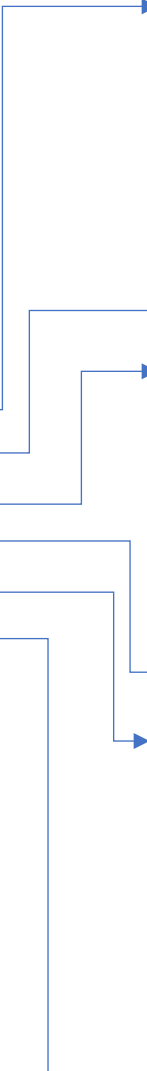
Aufgabe 1: Tracetable

Namespace Boxes let n: number =5

nr	color: string	x: number	y: number	i: number	size: string	comment
2						
4		0				
5			0			
7				0		i<n? →true
8			50			i==2? →false y+=50
9		170				x+=170%400
10						i==0
12	„ff0000“					
24					„big“	
25						createBox
24					„medium“	
25						createBox
24					„small“	
25						createBox
7				1		i++; i<n → true
8			100			i==2? → false y+=50
9		340				x+=170%400
10						i==1

function createBox

nr	_color: string	_x: number	_y: number	_size: string	Div: HTMLDivElement	comment
32	„ff0000“	170	50	„big“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+”px”
38						div.style.top = _y +”px”
32	„ff0000“	170	50	„medium“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+”px”
38						div.style.top = _y +”px”
32	„ff0000“	170	50	„small“		
33					Create div Element	



Valentina Schwan
L01_Boxes

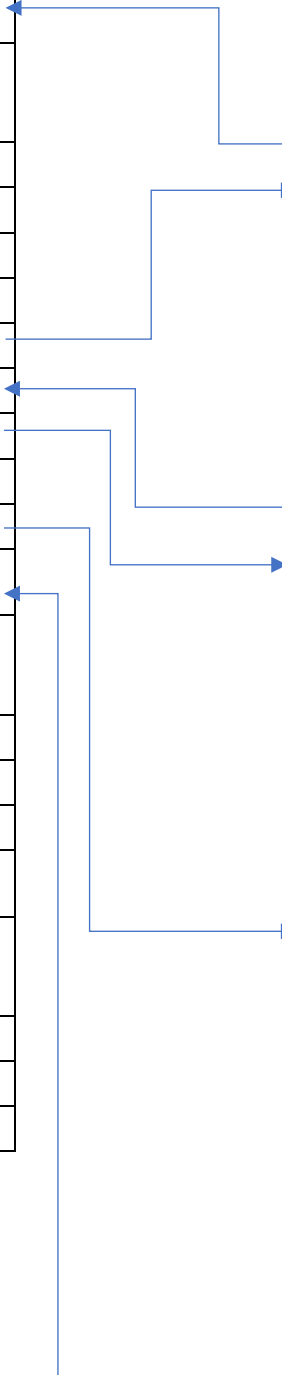
16	„00ff00“					
24					„big“	
25						createBox
24					„medium“	
						createBox
					„small“	
						createBox

34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+“px”
38						div.style.top = _y +“px”
32	„00ff00“	340	100	„big“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+“px”
38						div.style.top = _y +“px”
32	„00ff00“	340	100	„medium“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+“px”
38						div.style.top = _y +“px”
32	„00ff00“	340	100	„small“		
33					Create div Element	
34						appendChild (div) to body

Valentina Schwan
L01_Boxes

7				2		i++; i<n → true
8			120			i==2? → true y+=20
9		110				x+=170%400
10						i==2
21	„0000ff“					
24					„big“	
25						createBox
24					„medium“	
25						createBox
24					„small“	
25						createBox
7				3		i++; i<n → true
8			170			i==2? → false y+=50
9		280				x+=170%400
10						i==3
19						continue
7				4		i++; i<n → true
8			230			i==2? → false y+=50
9		50				x+=170%400
10						i==4
16	„00ff00“					

35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+“px”
38						div.style.top = _y+“px”
32	„0000ff“	110	120	„big“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+“px”
38						div.style.top = _y+“px”
32	„0000ff“	110	120	„medium“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+“px”
38						div.style.top = _y+“px”
32	„0000ff“	110	120	„small“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color



24					„big“	
25						createBox
26						l==4? → true
27						break
7				5		i++; i<n → false

37						div.style.left = _x+“px”
38						div.style.top = _y +“px”
32	„00ff00“	50	230	„big“		
33					Create div Element	
34						appendChild (div) to body
35						Add class _size to div
36						backgroundColor of div: _color
37						div.style.left = _x+“px”
38						div.style.top = _y +“px”

Aufgabe 2

