Aufgabe 1: Tracetable

Namespace Boxes let n: number =5

function createBox

nr	color:	x:	y:	i:	size:	comment		nr	ı T	_color:	_x:	_y:	_size:	Div:	comment
ļ	string	number	-	number	string	1	1			- string	number	number	string	HTMLDivElement	
2	1			,	'		1	32	2	"ff0000"	170	50	"big"		
4		0			'		1	33	3	I				Create div	
5		<u> </u>	0		 						<u> </u>			Element	
7				0	<u> </u>	i <n? td="" →true<=""><td>_</td><td>34</td><td>+</td><td>ļ</td><td> </td><td></td><td></td><td>'</td><td>appendChild (div) to body</td></n?>	_	34	+	ļ				'	appendChild (div) to body
8	1		50		'	i==2? → false	1	35	<u>5</u>					1	Add class _size to div
	↓ '	 '	 '	<u> </u>	<u> </u>	y+=50	1	36						1	backgroundcolor of
9	1	170	1		'	x+=170%400	1			J	1			'	div:_color
10					1	i==0	1	37	/		'				div.style.left = _x+"px"
12	"ff0000"						_	38	3						div.style.top = _y +"px"
24	'	Ţ '	Ţ '	· ["big"	<u>'</u>	1	32	<u>,</u>	"ff0000"	170	50	"medium"	†	, b
25					<u> </u>	createBox —		33					,	Create div Element	
24	1	1	1	'	"medium"	1	*	34	4		<u> </u>	 	+	Licincii	appendChild (div) to
25						createBox	<u> </u>				<u> </u>			<u> </u>	body
24	<u> </u>	<u> </u>	'	,	"small"	<u> </u>	 	 35			 '				Add class _size to div
25					<u> </u>	createBox		 36	•	ļ				'	backgroundcolor of div:_color
7	1		1	1	'	i++; i <n td="" →<=""><td>_</td><td>37</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td>div.style.left = _x+"px</td></n>	_	37	7						div.style.left = _x+"px
	 '	<u> </u>	<u> </u>	<u> </u>	<u> </u>	true	_	38							div.style.top = _y
8	1		100		'	i==2? →	1				l'		<u> </u>	<u> </u>	+"px"
J	1		1		'	false	1	32	<u>2 ,</u> ,/	"ff0000"	170	50	"small"		
9		340		<u> </u>	<u> </u>	y+=50 x+=170%400	1	33	<i>\$</i>					Create div Element	
10				<u> </u>	 	i==1						1			

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16	"00ff00"					34			T			appendChild (div) to
24		"big"				25	+				+	body
25		_	createBox	-		35						Add class _size to div
	+ + + + + + + + + + + + + + + + + + + +			_		36	1					backgroundcolor of
24	1	"medium"		-	_	<u> </u>						div:_color
		+	createBox _		_	37						div.style.left = _x+"px"
	+ + + + + + + + + + + + + + + + + + + +		10.000	Ţ '		38	1					div.style.top = _y
I		"small"				'						+"px"
J	1		createBox			J 22						
I	1	1				32		340	100	"big"		
						33					Create div Element	
						34						appendChild (div) to body
, ,	1	1				35			+	+		Add class size to div
, 1	1	1				36		 	+	+		backgroundcolor of
. 1	1	1										div:_color
ϵ^{-1}						37		†		+		div.style.left = _x+"px"
		ı				38						div.style.top = _y +"px"
1	1					32	"00ff00"	340	100	"medium"	†	
		ı				33				77 1	Create div Element	
	1					34						appendChild (div) to body
1	1	1				35						Add class _size to div
1		ı				36						backgroundcolor of div:_color
$_{1}$ 1						37		†		+		div.style.left = _x+"px"
						38						div.style.top = _y +"px"
1 - 1	1					32	"00ff00"	340	100	"small"		Τ μλ
		ı				33		340	100	"Silian	Create div Element	
						34			+		Licinon	appendChild (div) to body

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7				2		i++; i <n th="" →<=""><th> 35</th><th></th><th></th><th></th><th></th><th></th><th>Add class _size to div</th></n>	 35						Add class _size to div
,	1				'	true	36						backgroundcolor of
8			120	1	 	i==2? →							div:_color
,	1				'	true	37						div.style.left = _x+"px
	<u> </u>				'	y+=20	38						div.style.top = _y
9		110	T	T	<u> </u>	x+=170%400							+"px"
10			+	+		i==2	32		110	120	"big"		
21	"0000ff"			+			33					Create div Element	
24					"big"		34						appendChild (div) to
25			+	+	+	createBox -							body
	 	 			<u></u> '	CICATODOX	35						Add class _size to div
24	<u></u> '				"medium"		36						backgroundcolor of
25			T	T		createBox -							div:_color
24	\vdash		+	+	"small"	-	37						div.style.left = _x+"px"
25		 	+		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	createBox _	38						div.style.top = _y
	<u> </u>				'			2200444	110	120	-l:		+"px"
7	1			3	'	i++; i <n td="" →<=""><td>32</td><td></td><td>110</td><td>120</td><td>"medium"</td><td>0 1 45.</td><td></td></n>	32		110	120	"medium"	0 1 45.	
8			170			true i==2? →	33					Create div Element	
!						false y+=50	34						appendChild (div) to body
9		280	+		 	x+=170%400	35						Add class _size to div
10	\vdash		+	+	+	i==3	36						backgroundcolor of
		 			'								div:_color
19	<u></u> '				'	continue	37						div.style.left = _x+"px
7		 		4		i++; i <n →<br="">true</n>	38						div.style.top = _y +"px"
8			230		 	i==2? →	32	"0000ff"	110	120	"small"		
!						false y+=50	33					Create div Element	
9		50				x+=170%400	34						appendChild (div) to body
10	1				'	i==4	35						Add class _size to div
16	"00ff00"				<u> </u>		36						backgroundcolor of
'													div:_color

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24			"big"	
25				createBox _
26				I==4? → true
				true
27				break
7		5		i++; i <n →<br="">false</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

