

EIA2 - Trace Table - LO1 Boxes

n = 5
color = string
x = 0
y = 0

Nr.	i	x	y	color	Kommentare
6	0				$i < n \rightarrow \text{true}$
7			50		$i = 2 ? \rightarrow \text{false}$ $\hookrightarrow y + 50 = 50$
8		170			$(0 + 170) i. 400 = 170$
9				rot	$i = 0 \rightarrow \text{case 0}$
6	1				$i++ \mid i < n \rightarrow \text{true}$
7			100		$i = 2 ? \rightarrow \text{false}$ $\hookrightarrow 50 + 50 = 100$
8		340			$(170 + 170) i. 400 = 340$
9				grün	$i = 1 \rightarrow \text{case 1}$
6	2				$i++ \mid i < n \rightarrow \text{true}$
7			140		$i = 2 \rightarrow \text{true}$ $\hookrightarrow 100 + 40$
8		170			$(340 + 170) i. 400 = 170$
9				blau	$i = 2 \rightarrow \text{default}$
6	3				$i++ \mid i < n \rightarrow \text{true}$
7			190		$i = 2 ? \rightarrow \text{false}$ $\hookrightarrow 140 + 50$
8		280			$(170 + 170) i. 400$
9				blau	$i = 3 \rightarrow \text{case 3}$
6	4				$i++ \mid i < n \rightarrow \text{true}$
7			240		$i = 2 ? \rightarrow \text{false}$ $\hookrightarrow 190 + 50$
8		50			$(280 + 170) i. 400$
9				grün	$i = 4 \rightarrow \text{case 4}$
6	5				$i++ \mid i < n \rightarrow \text{false}$ $\hookrightarrow \text{for-Schleife}$ endet

Nr	size	createBox	Kommentare
23	"big"		
24		createBox()	
25			$i = 4 ? \rightarrow \text{false}$
23	"medium"		
24		createBox()	
25			$i = 4 ? \rightarrow \text{false}$
23	"small"		
24		createBox	
25			$i = 4 ? \rightarrow \text{false}$
23	"big"		
24		createBox()	
25			$i = 4 ? \rightarrow \text{false}$
23	"medium"		
24		createBox()	
25			$i = 4 ? \rightarrow \text{true}$ $\hookrightarrow \text{break}$

Nr	-color	-x	-y	-size	kommen
31	rot	170	50	"big"	
31	grün	340	100	"medium"	
31	blau	170	140	"small"	
31	blau	280	190	"big"	
31	grün	50	240	"medium"	