

# Activity Diagram

24.03.22

EIA 2

Boxes

A1.2

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main

```

n: number = 5
x: number = 0
y: number = 0
color: String
i: number = 0
    
```

[i >= 5]

i++

[i == 2]

y += 20

y += 80

$x = (x + 170) \% 400$

[i == 0]

color = #ff0000

[i == 1 || 4]

color = #00ff00

[i == 3]

continue

color = #0000ff

[i == 2]

Create Box

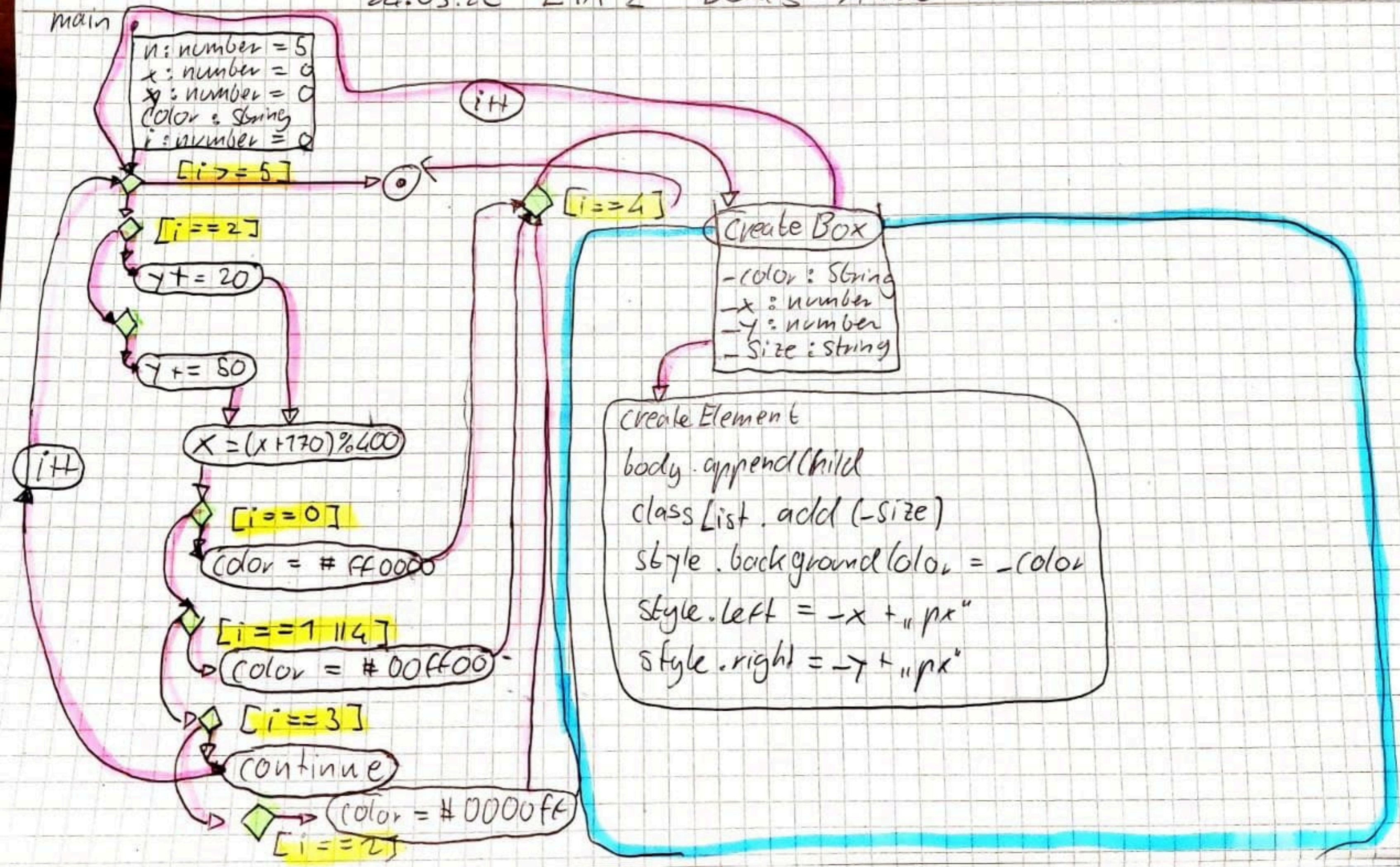
```

- color: String
- x: number
- y: number
- size: String
    
```

Create Element

```

body.append(child
class List.add(-size)
style.backgroundColor = -color
style.left = -x + "px"
style.right = -y + "px"
    
```



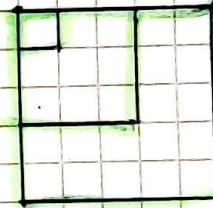
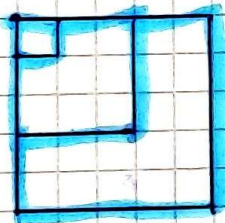
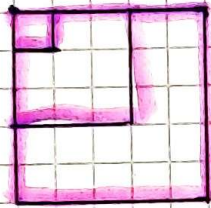


EIA 2

Aufgabe 1.2

10px

Manuel Hubert



Zeilennummer	n	x	y	color	i	size	Kommentar	Zeilennummer	x	y	_color	_size
2	5							32	170	50	##0000	big
4		0						32	170	50	##0000	medium
5				0				32	170	50	##0000	small
7					0		0<5? True					
8				50			0!= 2					
9		170										
12				##0000			case 0					
30					big		createBox					
31							i!= 4					
30					medium		createBox					
31							i!= 4					
32								32	340	100	##00f00	big
30					small		createBox	32	340	100	##00f00	medium
31							1<5? True	32	340	100	##00f00	small
13					1		0!= 2					
14		340		100								
15				##00f00			case 1					
22					big		createBox					
30							i!= 4					
31					medium		createBox					
32							i!= 4					
30					small		createBox	32	120	110	##0000ff	big
31							2<5? True	32	120	110	##0000ff	medium
13					2		2== 2	32	120	110	##0000ff	small
14		110		120								
15				##0000ff			default					
22					big		createBox					
30							i!= 4					
31					medium		createBox					
32							i!= 4					
30					small		createBox					
31							3<5? True					
13					3		3!= 2					
14		280		170								
15												
24					4		case3 continue					
13		50					4<5? True					
14												
15				220								
22				##00f00			case 4					
30					big		createBox	32	50	220	##00f00	big
31							i== 4 -> break					
33												
13					5		5< 5? false					