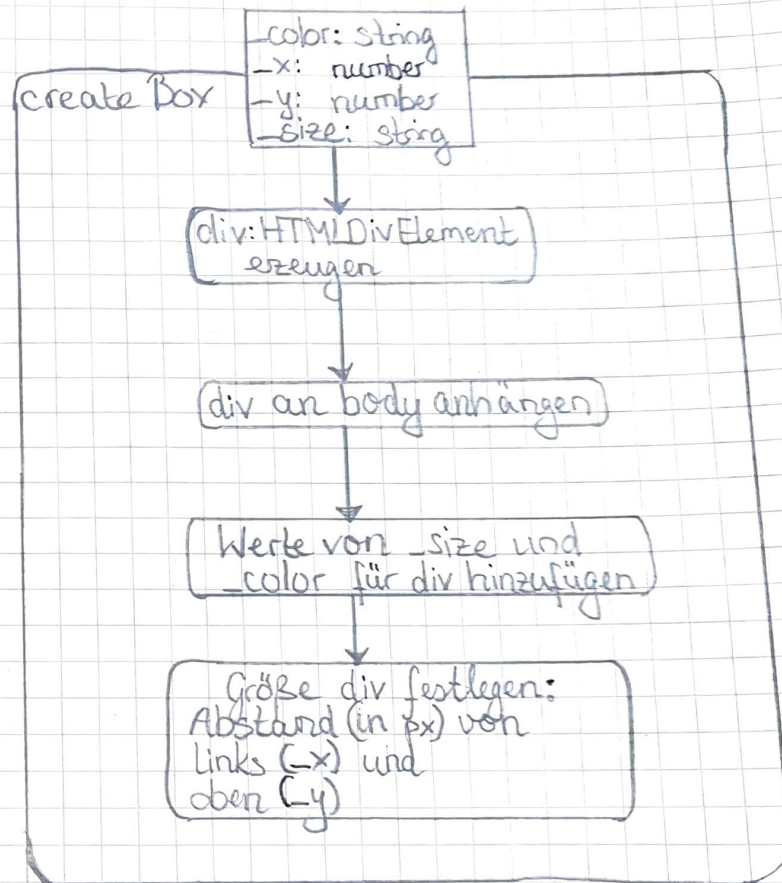
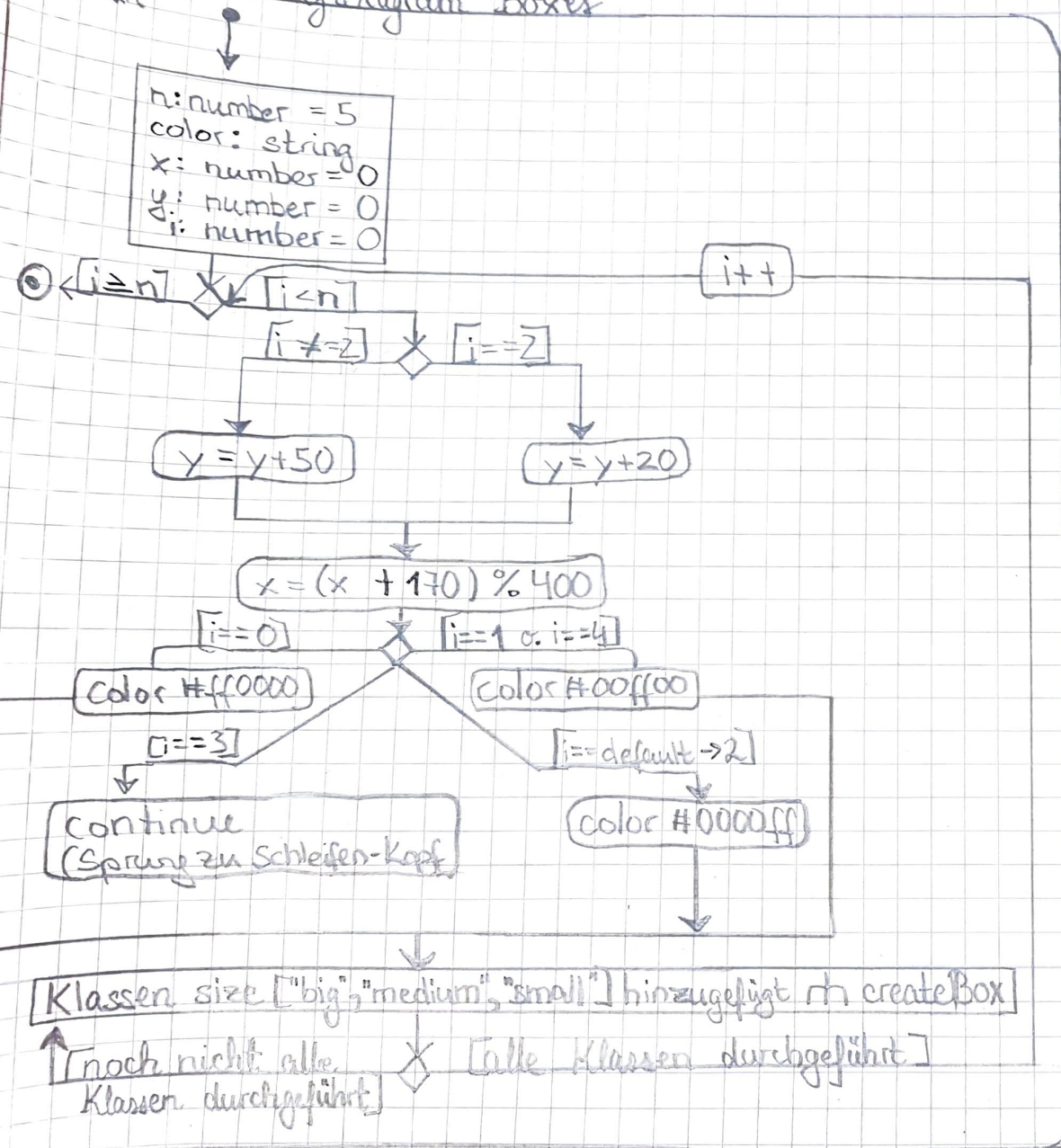


Activity Diagram Boxes



L01 - Boxes Trace Table

| Zeile | n | color | i | x | y | for-Schleife I | for-Schleife II | create Box |
|--------|-----------|-------|-----|-----|-----|---|-------------------------------|---------------------------------------|
| number | string | nr. | nr. | nr. | | | | |
| 7 | 5 | | 0 | 0 | 0 | $i < n \rightarrow \text{true}$ | (24) Klasse "big" | (33) create div |
| 8 | " | | " | " | 50 | | (25) create Box | (34) an Body anhängen |
| 9 | " | | " | " | 170 | | if (0==4) \rightarrow false | (35) Klasse "big" anhängen |
| 12 | "#ff0000" | | | | | \rightarrow break \rightarrow for-Schleife II | (24) Klasse "medium" | (36) color #ff0000 |
| | | | | | | zurück zu Z. 7 | (25) create Box | (37) 170px links |
| 7 | " | | 1 | " | " | $i < n \rightarrow \text{true}$ | if (0==4) \rightarrow false | (38) 50px oben |
| 8 | " | | 1 | " | 100 | | | |
| 9 | " | | " | " | 340 | | (24) Klasse "small" | (33) create div |
| 16 | #00ff00 | | | | | | (25) create Box | (34) an Body anhängen |
| 17 | | | | | | break | if (0==4) \rightarrow false | (35) Klasse "medium" |
| | | | | | | zurück zu Z. 7 | for-Schleife fertig | (36) color #ff0000 |
| 7 | 5 | | 2 | 0 | 0 | $i < n \rightarrow \text{true}$ | (24) Klasse "big" | (37)/(38) links: 170px, top: 50px |
| 8 | " | | " | " | 150 | | (25) create Box | (33) create div (34) an Body anhängen |
| 9 | " | | " | " | 210 | | if (1==4) \rightarrow false | (35) Klasse "small" |
| 21 | "#0000ff" | | | | | \rightarrow for-Schleife | (24) Klasse "medium" | (36) color #ff0000 |
| | | | | | | zurück zu Z. 7 | (25) create Box | (37)/(38) links: 170px, top: 50px |
| 7 | 5 | | 3 | 0 | 0 | $i < n \rightarrow \text{true}$ | if (1==4) \rightarrow false | (33) create Box (34) append an Body |
| 8 | " | | 3 | " | 200 | | | (35) Klasse big (36) color #00ff00 |
| 9 | " | | | | 280 | | (24) Klasse "small" | (37) 340px links (38) 100px oben |
| 10 | | | | | | continue | (25) create Box | |
| | | | | | | | if (1==4) \rightarrow false | (33) create Box (34) append to Body |
| 7 | 5 | | 4 | " | 220 | | for-Schleife fertig | (35) Klasse medium (36) color #00ff00 |
| 8 | " | | 4 | " | 50 | | | (37) 340px links (38) 100px oben |
| 9 | " | | | | | | (24) Klasse "big" | (33) create Box (34) append to Body |
| 16 | #00ff00 | | | | | for-Schleife | (25) create Box | (35) Klasse big (36) color #0000ff |
| 17 | | | | | | zurück zu Z. 7 | if (2==4) \rightarrow false | (37) 510px links (38) 150px oben |
| | | | | | | | | Small |
| 7 | 5 | | 5 | " | | $i < n \rightarrow \text{false}$ | (24) Klasse "medium" | (33) create Box (34) append to Body |
| | | | | | | Programm-Ende | (25) create Box | (35) Klasse medium (36) color #0000ff |
| | | | | | | | if (2==4) \rightarrow false | (37) 510px links (38) 150px oben |

(24) Klasse "small"
(25) create Box
if (2==4) → false
for-Schleife fertig

(33) create Box (34) append to Body
(35) Klasse small (36) color #0000ff
(37) ~~80~~₁₁₀px links (38) ~~150~~₁₂₀px oben

(24) Klasse "big"
(25) create Box
if (4==4) → ~~false~~ true
for-Schleife fertig

(33) create Box (34) append to Body
(35) Klasse big (36) color #00ff00
(37) links 50px (38) oben 220px

2. grafische Darstellung

y-Achse

x-Achse

