

## Boxes

n: number = 5

Main

create Box

div: HTML Element =  
document.createElement("div")

| nr. | color string | X number | Y number | i number | size string[]    | Kommentar         | nr. | color string | X number | Y number | size string      | Kommentar          |
|-----|--------------|----------|----------|----------|------------------|-------------------|-----|--------------|----------|----------|------------------|--------------------|
| 10  |              | 0        | 0        | 0        |                  | i < n? → true     |     |              |          |          |                  | append child (div) |
| 11  |              |          | 50       | 0        |                  | i == 2? → false   |     |              |          |          |                  | size               |
| 12  |              | 170      | 50       | 0        |                  | case 0            |     |              |          |          | big/medium/small | bg color           |
| 15  | #ff0000      |          | 50       | 0        |                  | create Box        | 38  |              |          |          |                  | Position           |
| 28  |              |          |          | 0        |                  | create Box        | 39  | #ff0000      | 170      | 50       |                  |                    |
| 28  |              |          |          | 0        | big              | create Box        | 40  |              |          |          |                  |                    |
| 28  |              |          |          | 0        | medium           | create Box        | 41  |              |          |          |                  |                    |
| 28  |              |          |          | 0        | small            | create Box        | 42  |              |          |          |                  |                    |
| 10  |              |          | 100      | 1        |                  | i < n? → true     |     |              |          |          | big/medium/small | size               |
| 11  |              |          | 100      | 1        |                  | i == 2? → false   |     |              |          |          |                  | bg color           |
| 12  |              | 340      | 100      | 1        |                  | case 1            | 39  | #00ff00      | 340      | 100      |                  | Position           |
| 19  | #00ff00      |          |          | 1        |                  | create Box        | 40  |              |          |          |                  |                    |
| 28  |              |          |          | 1        | big/medium/small | create Box        | 41  |              |          |          |                  |                    |
| 10  |              |          | 120      | 2        |                  | i < n? → true     | 42  |              |          |          | big/medium/small | size               |
| 11  |              |          | 120      | 2        |                  | i == 2? → true    | 39  |              |          |          |                  |                    |
| 12  |              | 110      | 120      | 2        |                  | default           | 40  | #0000ff      | 110      | 120      |                  | Position           |
| 24  | #0000ff      |          |          | 2        |                  | create Box        | 41  |              |          |          |                  |                    |
| 28  |              |          |          | 2        | big/medium/small | create Box        | 42  |              |          |          |                  |                    |
| 10  |              |          | 170      | 3        |                  | i < n? → true     | 39  |              |          |          | big/medium/small | size               |
| 11  |              |          | 170      | 3        |                  | i == 2? → false   | 40  | #00ff00      | 50       | 220      |                  | bg color           |
| 12  |              | 280      | 170      | 3        |                  | case 3 → continue | 41  |              |          |          |                  | Position           |
| 22  |              |          |          | 3        |                  |                   | 42  |              |          |          |                  |                    |
| 10  |              |          | 220      | 4        |                  | i < n? → true     |     |              |          |          |                  |                    |
| 11  |              |          | 220      | 4        |                  | i == 2? → false   |     |              |          |          |                  |                    |
| 12  |              | 50       | 220      | 4        |                  | case 4            |     |              |          |          |                  |                    |
| 19  | #00ff00      |          |          | 4        |                  | create Box        |     |              |          |          |                  |                    |
| 28  |              |          |          | 4        | big/medium/small | create Box        |     |              |          |          |                  |                    |
| 10  |              |          |          | 5        |                  | i < n? → false    |     |              |          |          |                  |                    |
|     |              |          |          | 5        |                  | → end             |     |              |          |          |                  |                    |