ENTWICKLUNG INTERAKTIVER ANWENDUNGEN
AUFGABE 12 - AKTIVITÄTSDIAGRAMM

PLACEDiv
- COLOR: STRING
- X, -Y: NUMBER
- WIDTH, HEIGHT: NUMBER

↓

CREATE DIV-ELEMENT: DIV

↓

ATTEND DIV TO BODY

↓

FORMAT DIV WITH
BACKGROUND COLOR C,
SIZE, WIDTH + HEIGHT,
POSITION -X, -Y

↓

⊗

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n NUMBER = 5, c STRING
x, y NUMBER = 0, i NUMBER = 0

↓

(B) → i++ → ◇ → ⊗

↓ [i < n]

◇
[i = 1]

INCREASE
Y BY 10   INCREASE
               Y BY 50

↘   ↙

◇

↓

SET x TO THE
REST OF THE DIV-
ISION (x+170)/400

↓

◇ [i = 0]
[i = 1 OR 4]

C = ROT   C = GREEN   C = BLUE

↘   ↓   ↙

◇ → (A)

(A)

↓

a NUMBER = 50

↓

a -= 20 → ◇ [a > 0]   ◇ → (B)

↓

PLACEDiv WITH COLOR C,
SIZE a, POSITION x, y

↓

◇ [i = 4]