Questão 02

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(1) for (i=0; i<=N; i++)
(2)   for (y=i+1; y<=N; y++)
(3)     c1;
(4) for (i=0; i<N; i++)
(5)   for (y=1; y<N+2; j++)
(6)     c1;
```

• n = 50

(1)(0...N): n + 1 = 51 | (1...2) $\sum_{i=0}^{n} \sum_{j=i+1}^{N} (1)$ ⇒ n + (n-1) + (n-2) ... 1

$= \frac{n(n+1)}{2} \Rightarrow n = 50 \rightarrow 1275$

(4)(0...(N-1)) = n = 50 |

(5)(1...(N+2-1)): n + 2 - 1 - 1 + 1 = n + 1 = 51

(4..5) 50.51 = 2550 TOTAL: 1275 + 2550 = 3825