## **REDICTADO AyED 2020**

```
Ejercicio 8

1. public static void uno (int n)
{

    int i, j, k;
    int [] [] a, b, c;
    a = new int [n] [n];
    b = new int [n] [n];
    c = new int [n] [n];
    for ( i=1; i<=n-1; i++) {

        for ( j=i+1; j<=n; j++) {

            c[i][j] = c[i][j]+ a[i][j]*b[i][j];
            cte2

        }
    }
}
```

## **REDICTADO AyED 2020**

$$\begin{aligned} & \cot 1 + \sum_{i=1}^{n-1} \sum_{j=i+1}^{n} \sum_{k=1}^{j} \sum_{j=i+1}^{j} \sum_{k=1}^{j} \\ & = \cot 1 + \sum_{i=1}^{n-1} \sum_{j=i+1}^{n} \sum_{k=1}^{n} \sum_{j=i+1}^{n-1} \sum_{j=i+1}^{n} \sum_{j=i+1}^{n-1} \sum_{j=1}^{n} \sum_{j=i+1}^{n-1} \sum_{j=1}^{n} \sum_{j=i+1}^{n-1} \sum_{j=1}^{n} \sum_{j=i+1}^{n-1} \sum_{j=1}^{n} \sum_{j=i+1}^{n} \sum_{j=i+1}$$

## REDICTADO AyED 2020

= cte1 + 
$$\frac{cte2}{2}$$
\* ( $\frac{2}{3}n^3 - \frac{2}{3}n$ )  $\rightarrow$ : O( $n^3$ )