* La derivada es una nueva funcion que devuelve el valor de la pendiente de la recta tangente en el punto X de la funcion original.
* Big O notation indicates the complexity of an algorithm. How time scales respect with the input variables.

1. If you have different steps you have to add them
2. You always drop constants, example O(2N) = O(N)
3. Different inputs should have differents variables. O(A+B), )(A\*B)
4. Drop non-dominate terms. O(N+Nˆ2) = O(Nˆ2)