Recurrence Relation

T(n) = T(n - 1) + O(n)

Tracing Tree Method

T(13)

/ \

O(13) T(12)

/ \

O(12) T(11)

/ \

O(11) T(10)

/ \

O(10) T(9)

/ \

O(9) T(8)

/ \

O(8) T(7)

/ \

O(7) T(6)

/ \

O(6) T(5)

/ \

O(5) T(4)

/ \

O(4) T(3)

/ \

O(3) T(2)

/ \

O(2) T(1)

/ \

O(1) T(0)

/ \

O(0) 1