# Tutorial 2

Ansto Here answer will be O(Jn)

$$T(n) = T(n-1) + T(n-2) + 2$$

=) making recurrence tree].

$$=) \frac{1(3e \, 2^{n+1} - 1)}{2^{n+1}} =) \, 2^{n+1}$$

$$0(2^{n+1}) = 0(2^{n+1})$$
=) 0(2<sup>n</sup>)

as 
$$T(n) = O(n^2)$$
  

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