Prove # a, bER, b>0 Assure (n+a) = ((nb) Prove (n+a) bti () (nb+1) BA and JayaScript on the job in ord defin faut = (n+a).(n+a) $0 \leq 0.n \leq n + a \leq 2n$ Induct - (n+a) . O(pb) nomembre des la des cregative, n will be todact = O(n') . O(n') Company of an analysis at least lal, win which case Deta $\Theta = \Theta (n \cdot n^{b})$ nta will never exceed 2n, Therefore, 2n:salvays = Into