(DI-) > Let's sent hut our time complemity is Tini. In whe we have recursive timetions and each colliberates n-1 times so: T(n) = 2 7 (n-1) +1 => 2 cans from reconsise cell becouse of every iteration we call $= 2^{*}(2^{*}T(n-2)+1)+1$ higher Libiscont function buick. 3) Bose base which is put a D So our the conflicted is O(2°) T(n) T6-11 7(1-1) he shep T (1-2) 7(1-2) 1+2'+2'+2'+00+2'=2'
0Ssme n=2 O(224-1)=> O(21) 53

82-) n: users n: processous

> Ishord the code (ps.do.)

· Worst-Cose Time complexity: O(n3)

This situation occurs who finding the optimal schedule needs exploring the off possible ossistant. Also each assignat needs looping in Duscres, processors which it contained a thetians.

> So, overll complainty of n'n = n3

· Bost-Time Sime Candwill ! O(12)

Scores. So we went to find in I iketion of loop, In this cose, the elquition will only neck to iteche through a subset of usus, preses, we processed store returning the optimal solution, which is $O(n^2)$.

a Lovaye - em complainty: O(3)

> Becouse of exhabistre network of the algorithm, astructing the overine concentration is depending on distribution of costs and the probability of finding the optimies of the early 1 + is so hard. The everythe case complexity is $O(n^3)$

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