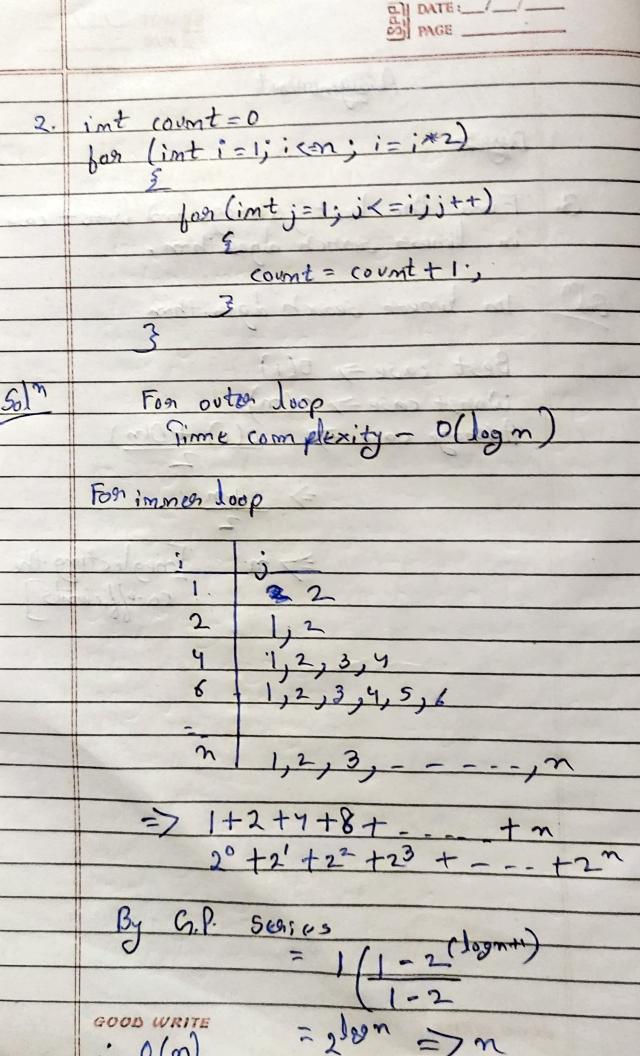
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Let's upg	Macton D. L. Cha. Land Aland Hama
	Master Data Structure & Algorithms
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Day. 1	Fig. 1. The state of the state
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1.	unt a = 0
	jos (int i=0; i <n; i+t)<="" th=""></n;>
	609 (imt j=n; j>i; j)
	3
Service of the servic	a=a+i+i;
	2
alm	
50,00	C. A. I. D. H. Joseph Joseph
	Time complexity for the first loop is - O(n)
	is - O(n)
	Foon the second loop
644	
	1 3
	$\frac{1}{n}, \frac{n-1}{n-2} =1$
	$\frac{2}{n}, \frac{n-1}{n-2} - \frac{2}{n-2}$
	2
	0 1 11 0/ 1
A. S.	Pime complexity - O(n)
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GOOD WRITE 1: Time complexity - O(n2)



Find the best average and worst case in linear search algorithm. In linear search algorithm Best case => O(1)
Worst case => O(n)
Avorage case => O(1) +O(n) => 1+n => n [neglecting the co-efficients]