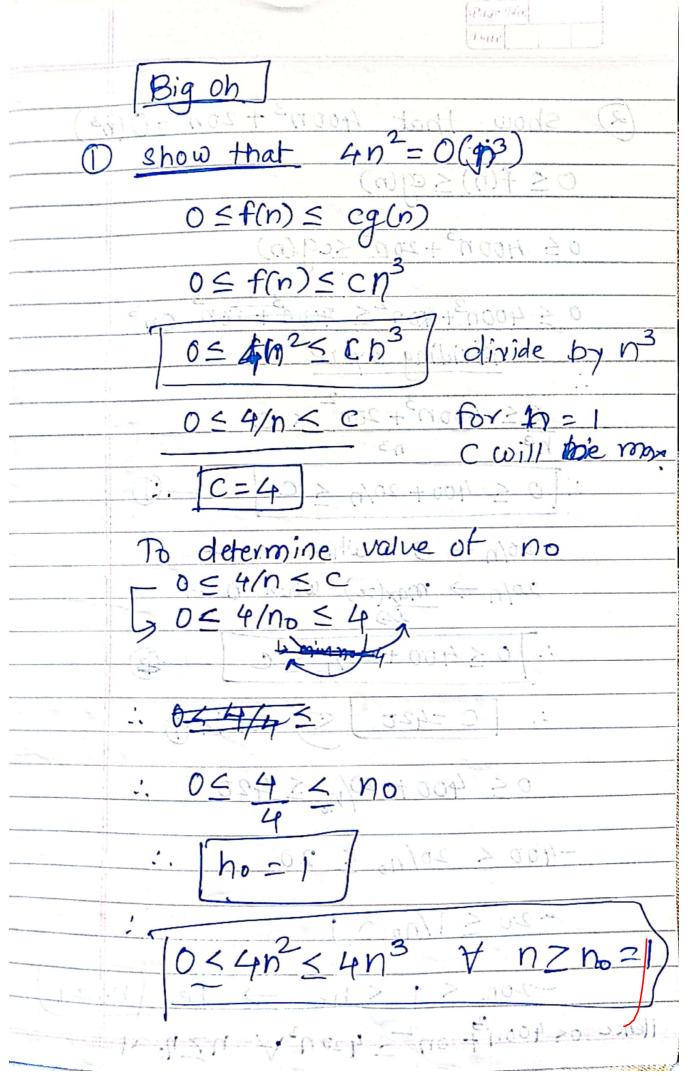
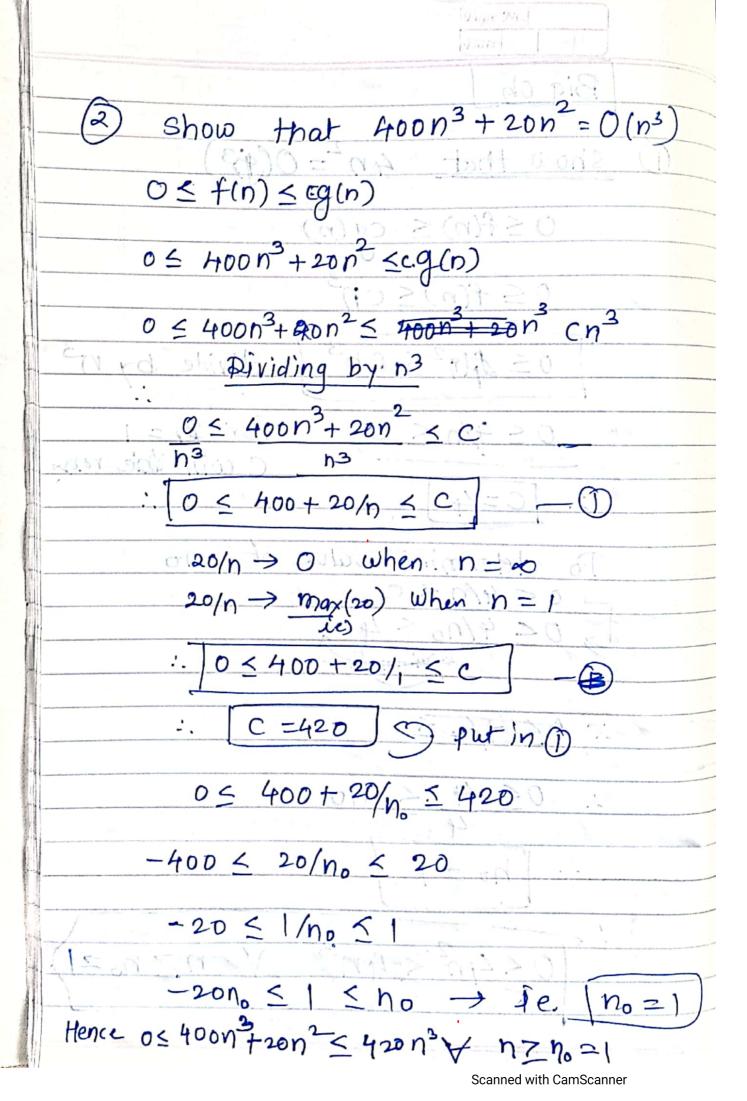
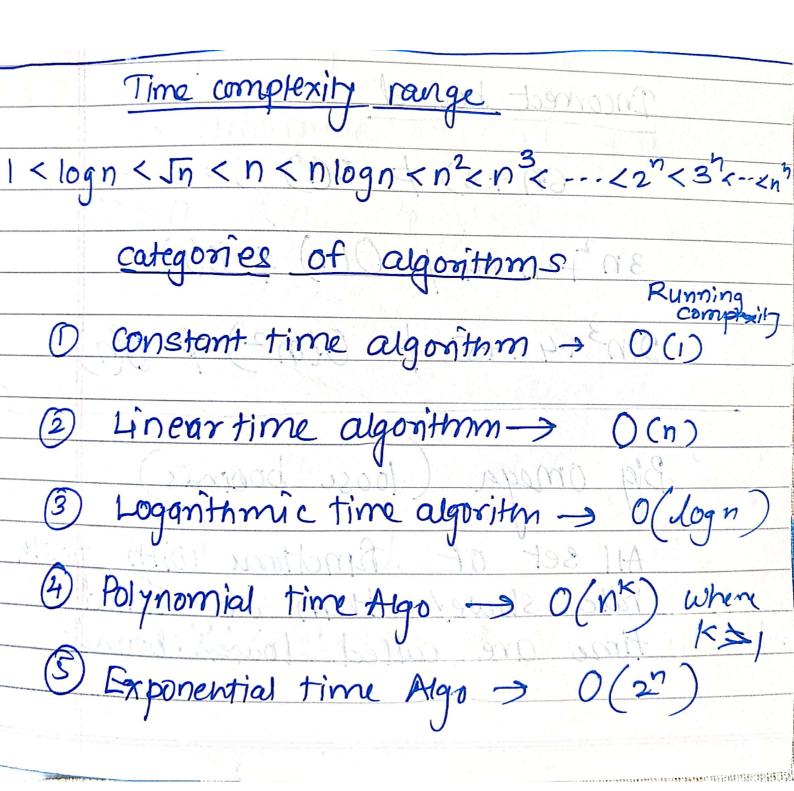


Big on 
$$f(n) \ge 10^{10} + 2n + 11 \le 10^{10} + 2n^{2} + 11 \le 10^{10} + 11 \le$$

Tage Dies
Mathematical background for Algorithm
Analysis 4
K(1. Algorithm ADD_SCALAR (A.B) r
$U \ge 1 = 1 + (+1 + + + + + + + + + + + + + + + +$
Tehno de la reduction de la re
morthborn and lander and dution
(2) oil 2001 = 1+2+3++n
i=1' $(0)0 = (0)7$ :
$= 5 - n(n+1) - n^2 + n$
EX (EX AIGORITHS APP-ARRAY (A,B)
- milwings / Commission
theilestimition = O(n?) of 1 = i rot
n K K K K K K K K K K K K K K K K K K K
(3) (5)   1 + 12+3+ ++ n = nx
(1-i j=1 hag K+1
$\frac{d_{n}(n)}{d_{n}(n)} = 0 \left( \frac{n}{n} \right) = 0$
ne ne ne
1 X = K+K2+K3++K=K
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Library to 00 = th O(K) 142 + 1 = carrier
Too Maday
Compatition to VII
i=k (a)0 =(a)11.







Francook for analysis of Non-recursing tunction Determine size of problim And primitive / elimentary open Find count of primitive operations for best, worst and average case. Simplify the symmation dropping multiplicative disistive constants of highest degree polynomial term in sum.