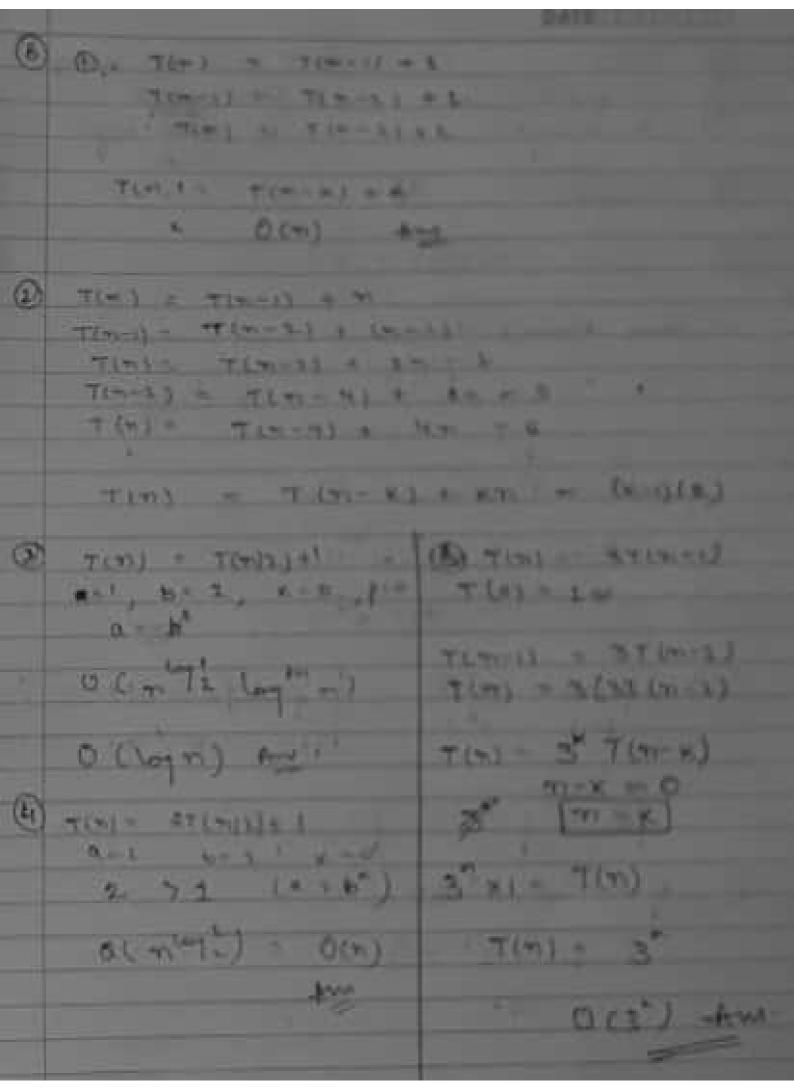
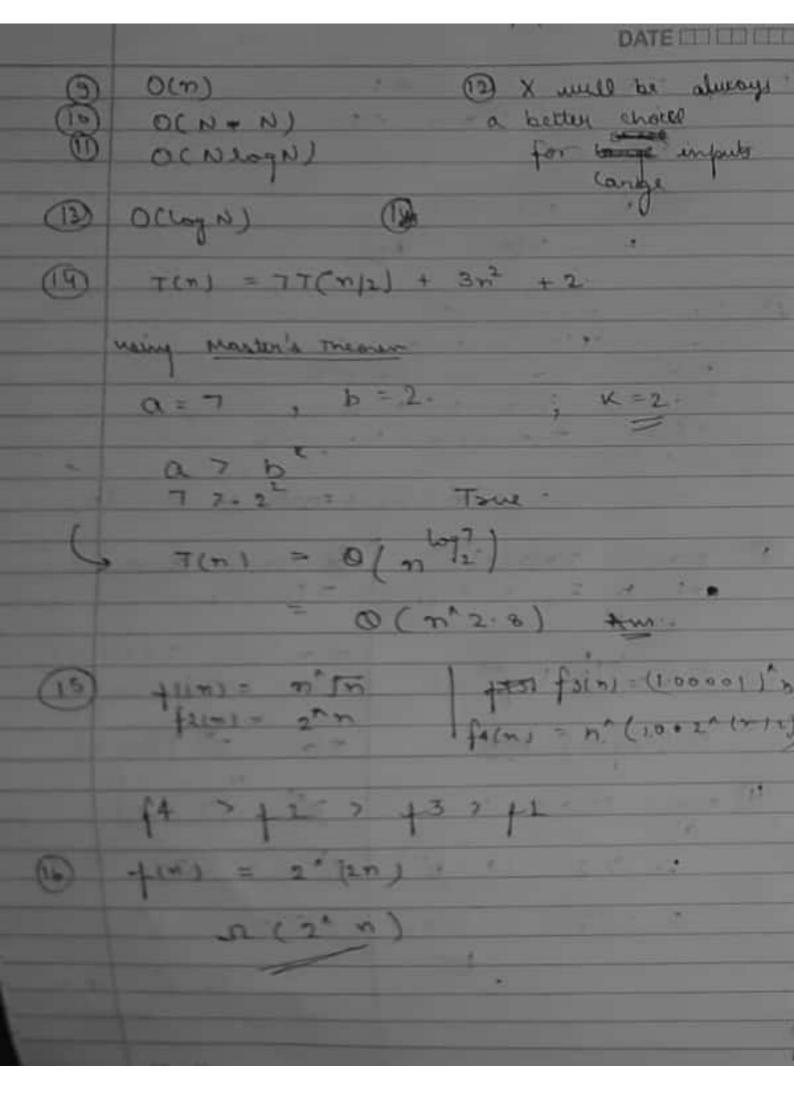
14/0/21 DATE CO CO COCO Tutosial Sheet -1. (1) int a = 0 , b = 0; . for (i = 0; i(N; i++) a + = rand(); for(j=0; j<N; j++) b+= rand(); Time complenety = O(N+M); = 0(1) 2 int sum = 0 , i; for (i=0; i<n; i=1+2) 2 sum += 1; 4 · 0 + 2 + 4 - - - 2n. 2 (n)(n+1) = 2 Time Conferrites $O(n|2) \rightarrow O(n)^2$ for (i=0, i<n; i=i+2) { sun += i} Time conflexity = O(xx), O(logn) to for (i=0; ixi < n; i++) j++,

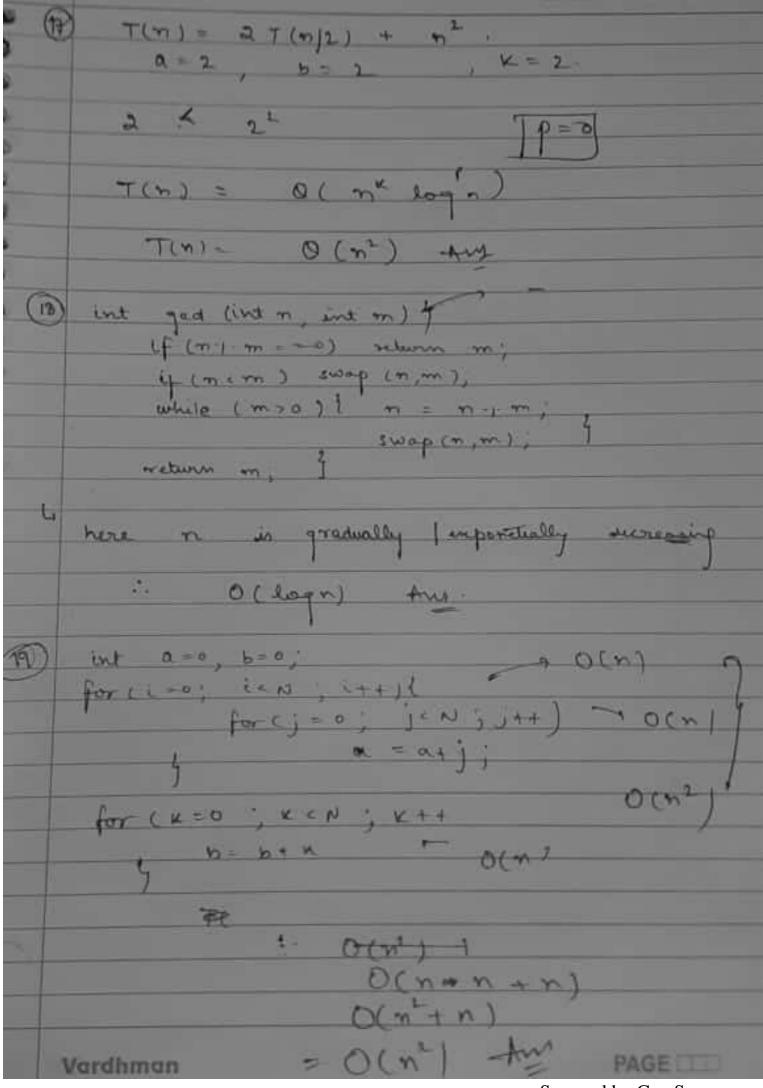
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   T(m-1) = T(m-1) + 1
    7001 - 760-11 42
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    T(m) = T (m-K) + K
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  an dividing by of every time
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