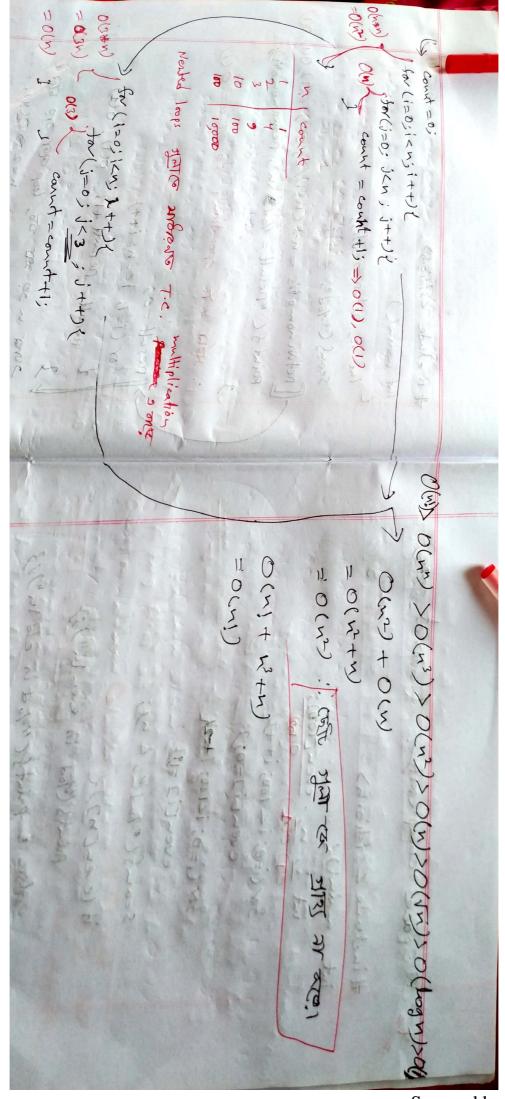


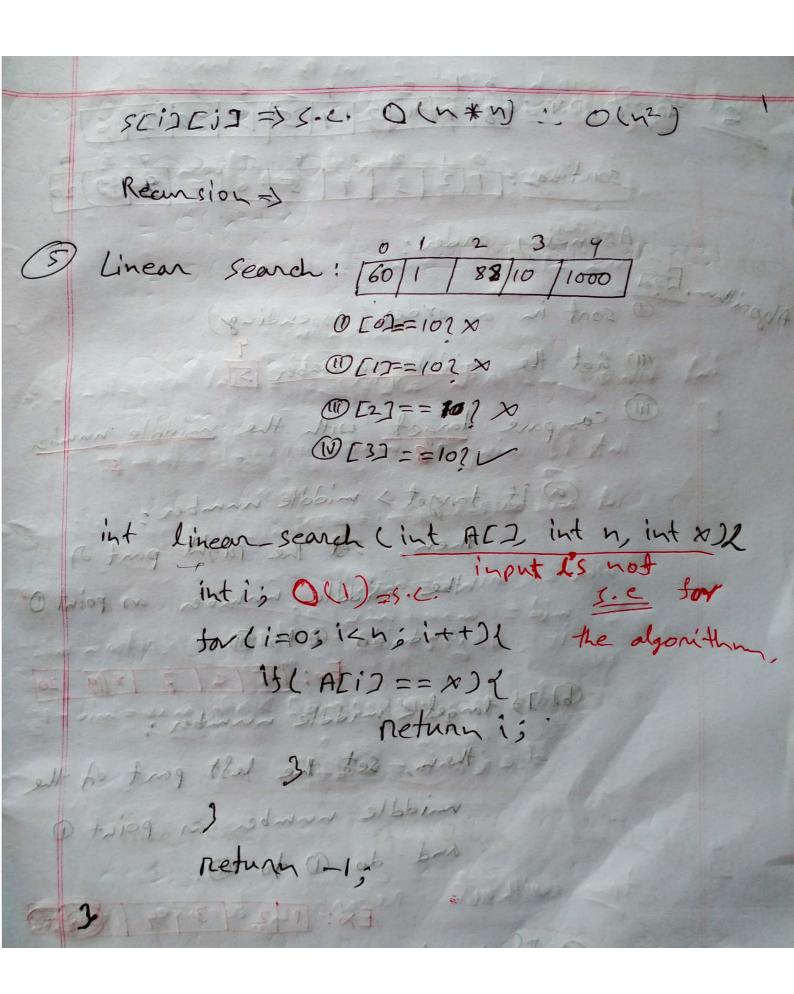
include h1=10; _______ n2 =10, => 0(1) h3=n1+n2; => 0(1), 0(1) return o; It linear operation and operation aco 0() 20 राज्य महार केवर प्रवा केवर प्रवा सिंग के हिन्दू विक SC II. OR T.C. = O(1) (10 - 9500) POINTE (9)

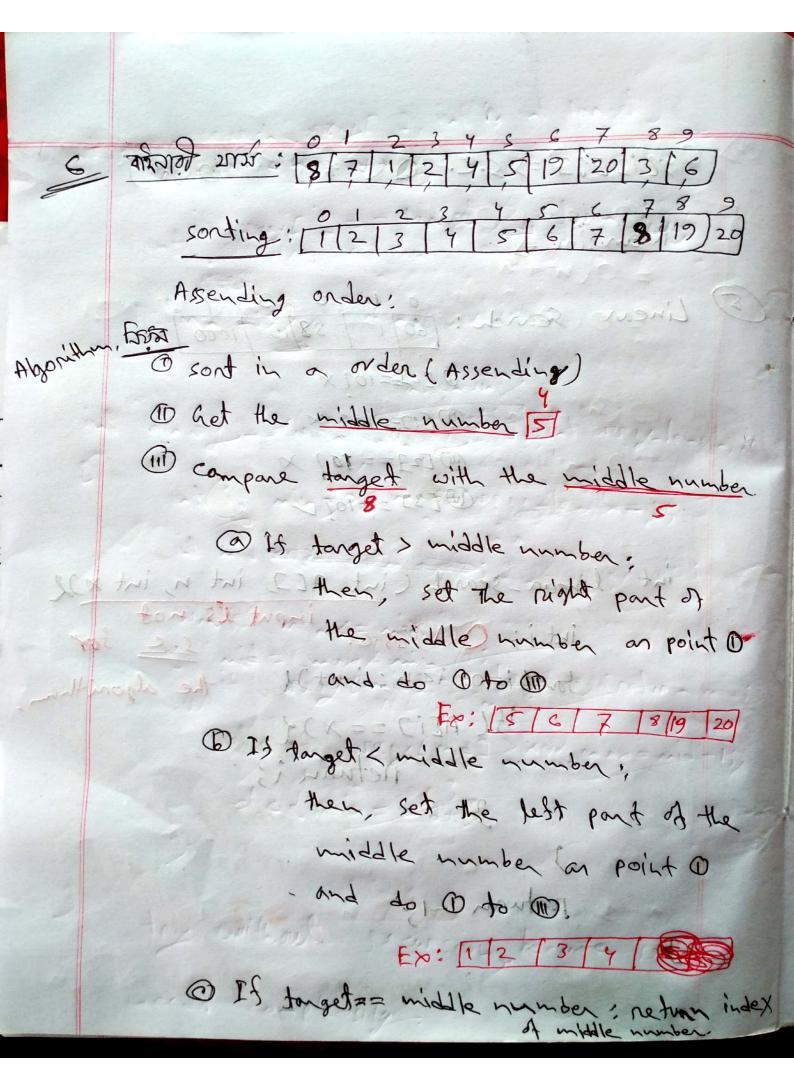
include <stdio.h) int main () int n, returnometis; Seans (" dod", & n); [returnomotis = n*(n+1)/2; o(1), o(1), o(1), o(1) Print f("presult = Mod " In", returnomotis); :, wohr 4 to operation, 50 (1) Spresult =0; for (i=1; i<=n; i++) 2 result = result +1; 0(1), 0(1) sour n'so sur se pob det sio ett 1 N=3c/2 of 0(2), N=2 ⇒ O(4), $O(2n) = 2 \times O(n) = 0(n)$ 12 T.C.



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y Despace complexity. (wornt care) #include Zstdib. h) Int main Ux int in even [100]; Sar (1=0; 1 < 100; 1+1) eventil=013 for (1=0; 1<100; 1+0) eventi] =13 scanf(" god", & h); it (even [n]) { prints (God in even In"); else 2 printf(1190d in odd 147);3 rehmy 0; So, I'm = O(100) aletos marse o (aurazzise)





Land In IN July E Binarry search a gall array @ 20 200 work search loop ware 20, or sor Its log & com, x = array long 1. 20 array length & violes search loop 20 Mand yours tall [] 2)20 (10 5 2 10 (· 5 10) 7 10 (· 5 10) 7 10 (· 5 10) 7 10 (· 5 10) El- Pins = row) (x (Epins) 10) (12) x 50(.025 Sefee of min = mid+1) Time complexity of Binary, search in: try without reconside weeds completely