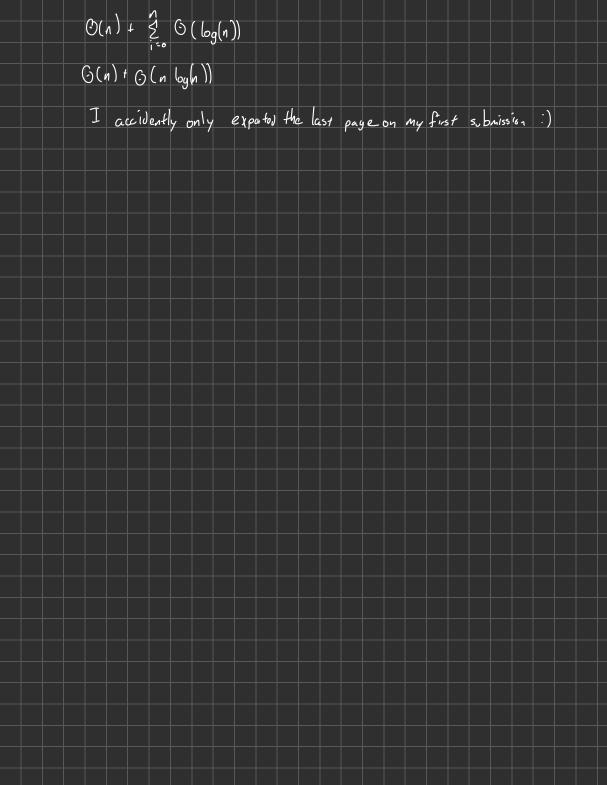
a)
$$O(1) + \frac{1}{2} O(1)$$
 $i : 2$
 $O(1) + O(\log(\log(n)))$
 $O(\log(\log(n)))$
 $O(\log(\log(n)))$
 $O(\log(\log(n)))$
 $O(\log(\log(n)))$
 $O(1) + O(2 O(1))$
 $O(1) + 2 O(1)$
 $O(1) + 2 O(1)$



a) in 1 -> 2-3-3-4 || (ec (in1, in2) | in1= 1,5,2,6,3,4 1,12 5 → 6 in 1 & in Zt nullpto in/-Tnext: lirec(in2, in1-Inext)
lirec(in1, in2)
in1 x in1 x allpto -> next = 11rec(in2, in1->next) = 2,6,3,4 Mrec (in1, in2) inl & in 2 I ndlpto inl-next = lirec(in2, in1-next) = 6, 3, 4 Mrec (in1, in2) inly 'n2 7 nellpt, int-)nort = 11 rec (in2, in1 -7 nort) = 3,4 in 2 = null pt, return in1 P) inl in2 2 11 rec in 1 = nullptr return in2 2