3 /1m) = log n! And O, O, 1 C1.9(n) < 1(m) < C2.9(n) ntimes log(IXIX--- 1) & log(INZX ... XN) & log(NXNX -- XN) log 1 < log ni < log no. signi sn. logn. : 1(m) = (n·logn) J(n) = -2(1)But I(n) don't have Breiage Bound O. f(n) = logn 1. (4.9(h) \(\frac{1}{2}(n) \) \(\C_{3}g(m) \) 1 & logn & 2 logn. Jun>1 - 1(n) = 0(logn) 1(m) = -2(1) 1(n) - don't have a bound. 5) class Problem:-1(n)=4n3+8n Find O, DALD $c_1, g_n \leq f(n) \leq c_2 - g(n)$ 4n3 < 4n3+8n < 4n3+8n3 4n3 < 4n3+8n < 12n3. $1(n) = O(n^3)$ $J(n) = \mathcal{I}(n^3)$