

d) int *a = New int [10]; -> O(1) int size= 10', -> o(1) for Cint i=o; i Ln; it) -> O(n) if Cisasize) -> oci) int newsize = 3 x size/2 -> oci) loop is running Size times int *b -> 0(1) Since Size = 10, for (int j=0; j2 size', jtt) -> O (size) = o(10) ≈ o(1) \approx 0(1) time delete [a] - OCV a=b; -> oa) Size = new size', -) O(1) alij=ixi -> o(1) if i = Size, then O(i) = O(n-i) + O(i)if i = Size, then octo) > octo = ocn) time complexity: o(n) = o(n-1)+ o(1) {o(1)} T inner 1009 - = 512e