O(n)2 ()(h) O(1) (n^5) O(1)2 outer loop = O(n) = complexity = $O(n^2)$.

Thus, loop = O(n)3 1 (O(n)), this is a boasic for loop, with an iterator invenenting with one until n. 2 (n²), a basic nexted loop (j++) in another loop (i++). At The extra code does not effect the time complexity when n-) is outer loop in naments by i x=3; so logs inner loop in O(n). O(nlogn)