

Lab04

Text

- a) $O(N^2)$, because $3N * N = 3N^2$
- b) $O(N)$, because $N * 2 = 2N$
- c) $O(N^2)$, because $N (N - 1) = N^2 - N$
- d) $O(N)$, because the second for loop will never run because j and i will always have a difference of 1 , so their remainder can never be 0.