I have one for loop in my codes for exercise 1 that go through the whole input size and everything else is primitive operation. The loop starts at line 18. It has 1+n/2+2(n/2 -1)=1.5n-1 operations for line 18. There is no nested loop within this loop, but only an if statement made up of primitive operations (accessing an element and comparison) at line 19, so the time complexity of the whole program is O(N).