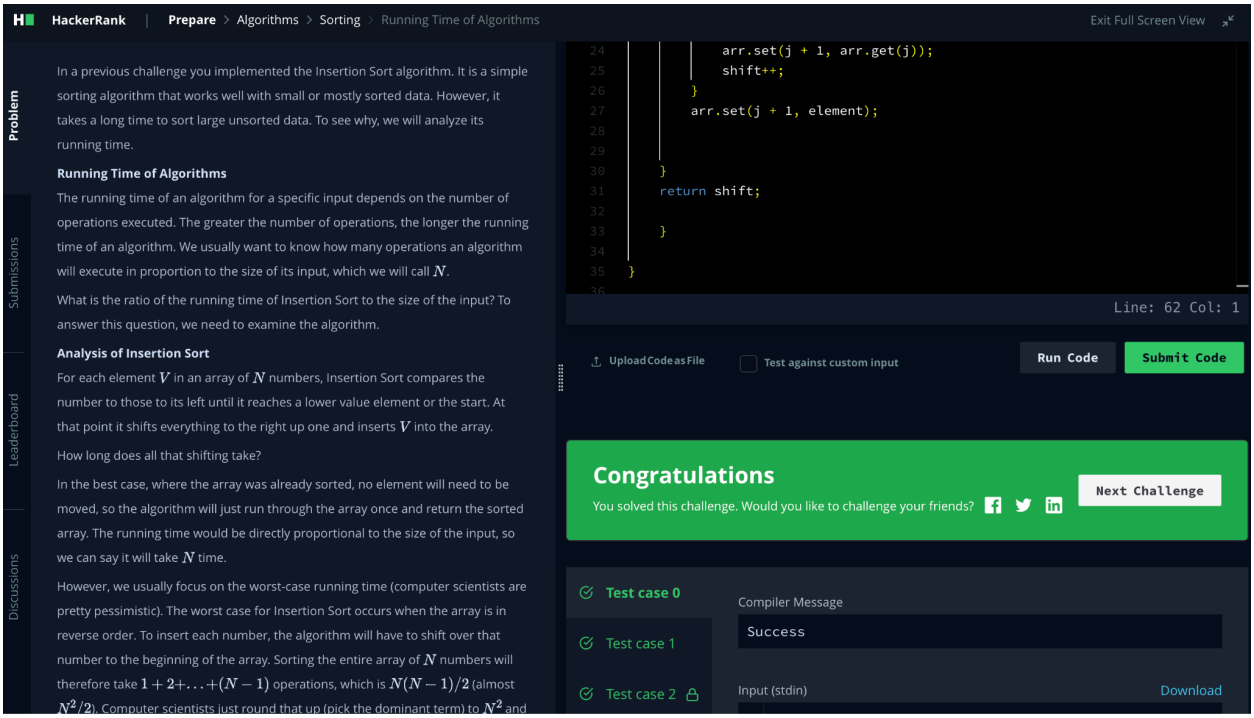
Running Time algorithm



The time and space complexity:
Space complexity is constante O(1) since it is using fixed variables, and the size of the arrays is not dependent on that.
Combining the outer and inner for loops you get a time complexity of O(n^2) since it will run in a descending order series, 1 + 2 + 3 (n-1). If the array is sorted it will run with a best time of O(n) since the array is sorted