1. **Merge Two Strings alternatively:**

Loop 🡪 O(min(len(word1), len(word2))) = O(n)

Total = O(n)

1. **GCD of two strings**

Compare concatenated strings 🡪 O(m+n)

Calculate gcd 🡪 O(log(min of n and m)) using Euclidean algorithm

Extract the substring 🡪 O(n)

Total = O(n)

1. **Kids with greatest number of candies**

Finding maximum number of candies 🡪 O(n)

Iteration over elements in the list 🡪 O(n)

Total = O(n)

1. **Can Place Flowers**

Check operations 🡪 Constant O(c)

Main loop 🡪 O(n)

Checks and assignments inside the loop 🡪 O(C)

Total = O(n)

1. **Reverse vowels of a String**

All operations executes sequentially and each individual operation either O(1) or O(n) so

Total = O(n)

Another approach:

1. **Reverse words of a string**

Total = O(n)

1. **Product of Array Except self**
2. **Increasing Triplet Subsequence**