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4-) int SumChain(int arr, int arr-len) {
    len = 1;
    for(int i = 1; i < arr-len; i++) {
        if (find(arr, len, arr[i]) == -1) // Calling Part 3 find function
            return -1;
        len++;
    }
    return 0;
}

```

$T_{\text{Best}}(n) = O(1)$  in best case first iteration we can decide array is not SumChain and we return after first iterations. in loops.

$T_{\text{ave}}(n) = T_{\text{worst}}(n) = O(n^3)$   $O(n)$  for sum chain loop and  $O(n^2)$  for find function so total complexity will be  $O(n^3)$  in worst case.

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