**C PROGRAMMING**

**To run code:**

**Compile:** gcc .\your\_file.c -o your\_file

**Run:** .\your\_file.exe

**01\_Arrays\_Loops/**

**🔹 Key Concepts**

* Array traversal, insertion, deletion
* Prefix sum, Kadane’s Algorithm
* Two-pointer basics

**✅ Problems**

1. Sum of all array elements **✅**
2. Find max/min element **✅**
3. Reverse array **✅**
4. Count even/odd/positive/negative numbers **✅**
5. Linear Search **✅**
6. Binary Search **✅**
7. Second largest element **✅**
8. Frequency of elements **✅**
9. Left/right rotate array **✅**
10. Check palindrome array
11. Prefix Sum of array
12. Subarray with given sum
13. Max subarray sum (Kadane’s)
14. Majority Element
15. Move all zeros to end