

Algorithm Practice - Search and Maximum

1. Given an array of integers, find the second largest unique element.

If there is no such element, return a special value (e.g., INT_MIN).

2. Implement linear search in an array.

Return the index of the first occurrence of number X or -1 if not found.

3. Find the maximum among even numbers in the array.

If no even numbers exist, return -1.

4. Count the number of elements greater than a given threshold T.

Input: array and T. Output: count of such elements.

5. Find the indices of two elements whose sum equals a given number S.

Return any valid pair (i, j) or (-1, -1) if no such pair exists.