1. Linear Search

Write a program to search for an element in an array using linear search.
Display the index if found, otherwise print "Not Found".

2. Binary Search (Iterative)

Implement binary search in a sorted array using an iterative approach.

Example:
Input: $[1, 2, 3, 4, 5, 6, 7]$, target = 4 → Output: Found at index 3

3. Binary Search (Recursive)

Perform binary search using recursion. Explain base and recursive cases clearly.