Write a C program that implements a function for linear search to find all occurrences of a target value in an array of integers. The program should include the following:

1. Define a function linear\_search that takes three arguments: the array of integers, its size, and the target value. This function should find all occurrences of the target value in the array and return the count of occurrences found.
2. In the main function:
   * Prompt the user to enter the size of the array (must be positive).
   * Prompt the user to enter each element of the array.
   * Prompt the user to enter the target value to search for in the array.
   * Call the linear\_search function to find all occurrences of the target value.
   * Print the indices of all occurrences found or indicate if the target value is not present in the array.

Ensure your program handles edge cases, such as an empty array or when the target value is not found.

Example Output :

Enter the size of the array: 8

Enter 8 elements of the array:

1 2 3 4 2 5 2 6

Enter the target value to search for: 2

Target 2 found at index 1

Target 2 found at index 4

Target 2 found at index 6