Array search ,add ,max,min

```c
#include <stdio.h>

int main() {
    int n;
    printf("Enter the size of the array: ");
    scanf("%d", &n);
    int array[n];
    printf("Enter %d elements:\n", n);
    for (int i = 0; i < n; i++) {
        scanf("%d", &array[i]);
    }

    // Addition operation
    int value;
    printf("Enter a value to add to each element: ");
    scanf("%d", &value);
    for (int i = 0; i < n; i++) {
        array[i] += value;
    }

    // Printing max and min values
    int max = array[0];
    int min = array[0];
    for (int i = 1; i < n; i++) {
        if (array[i] > max) {
            max = array[i];
        }
        if (array[i] < min) {
            min = array[i];
        }
    }
    printf("Maximum value: %d\n", max);
    printf("Minimum value: %d\n", min);
    // Searching operation
    int key;
    printf("Enter an element to search: ");
    scanf("%d", &key);
    int index = -1;
    for (int i = 0; i < n; i++) {
        if (array[i] == key) {
            index = i;
            break;
        }
    }
    if (index != -1) {
        printf("Element %d found at index %d\n", key, index);
    } else {
        printf("Element %d not found in the array\n", key);
    }
    return 0;}
```