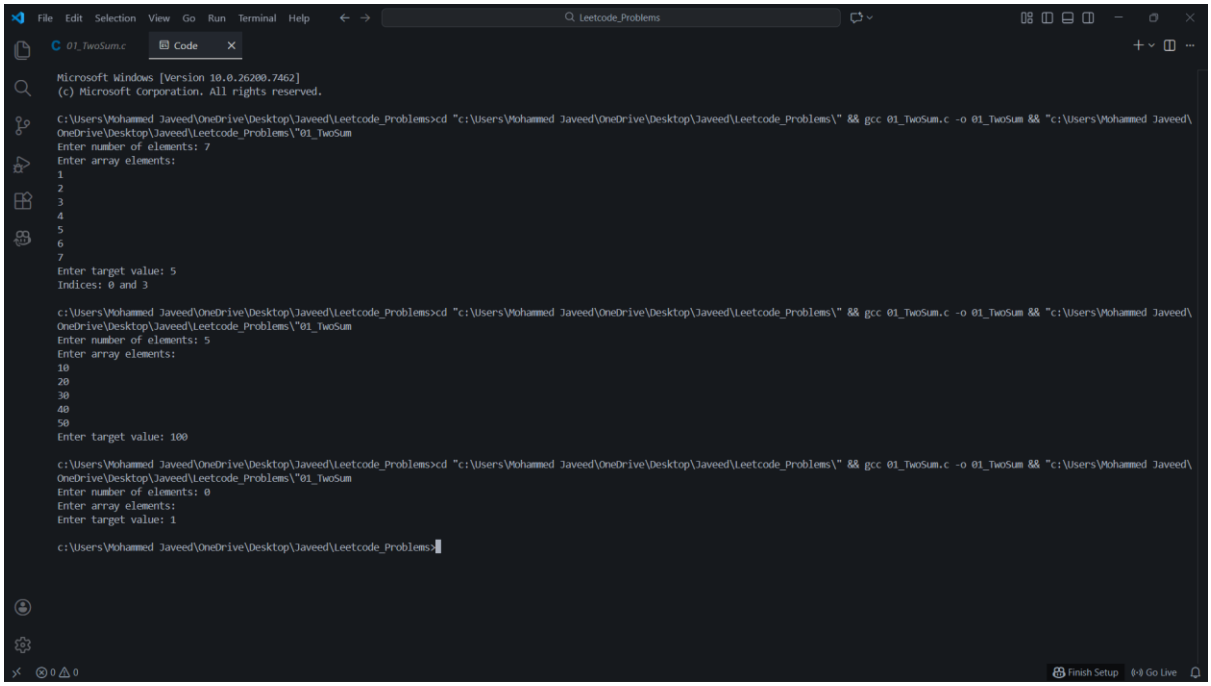
01.Two sum

```
#include <stdio.h>

int main() {
    int nums[100], n, target;
    int i, j;

    printf("Enter number of elements: ");
    scanf("%d", &n);

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

    printf("Enter target value: ");
    scanf("%d", &target);

    for (i = 0; i < n; i++) {
        for (j = i + 1; j < n; j++) {
            if (nums[i] + nums[j] == target) {
                printf("Indices: %d and %d\n", i, j);
                return 0;
            }
        }
    }

    return 0;
}
```

OUTPUT:


File Edit Selection View Go Run Terminal Help
Leetcode_Problems
01_TwoSum.c
Code
Microsoft Windows [Version 10.0.26200.7462]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems>cd "c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems\" && gcc 01_TwoSum.c -o 01_TwoSum && "c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems\"01_TwoSum
Enter number of elements: 7
Enter array elements:
1
2
3
4
5
6
7
Enter target value: 5
Indices: 0 and 3
c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems>cd "c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems\" && gcc 01_TwoSum.c -o 01_TwoSum && "c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems\"01_TwoSum
Enter number of elements: 5
Enter array elements:
10
20
30
40
50
Enter target value: 100
c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems>cd "c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems\" && gcc 01_TwoSum.c -o 01_TwoSum && "c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems\"01_TwoSum
Enter number of elements: 0
Enter array elements:
Enter target value: 1
c:\Users\Mohammed Javeed\OneDrive\Desktop\Javeed\Leetcode_Problems>
0 0
Finish Setup
Go Live