26.Remove Duplicates From Sorted Array

```c
#include <stdio.h>


/* Function to remove duplicates */

int removeDuplicates(int* nums, int numsSize) {

    if (numsSize == 0) {

        return 0;

    }


    int j = 0;  // Index of unique elements

    for (int i = 1; i < numsSize; i++) {

        if (nums[j] != nums[i]) {

            j++;

            nums[j] = nums[i];

        }

    }

    return j + 1;  // New length

}


int main() {

    int nums[100], n, i, newLength;


    printf("Enter number of elements: ");

    scanf("%d", &n);


    printf("Enter sorted array elements:\n");

    for (i = 0; i < n; i++) {

        scanf("%d", &nums[i]);

    }


    newLength = removeDuplicates(nums, n);
```

```c
    printf("Array after removing duplicates:\n");

    for (i = 0; i < newLength; i++) {

        printf("%d ", nums[i]);

    }


    printf("\nNew length: %d\n", newLength);


    return 0;

}
```
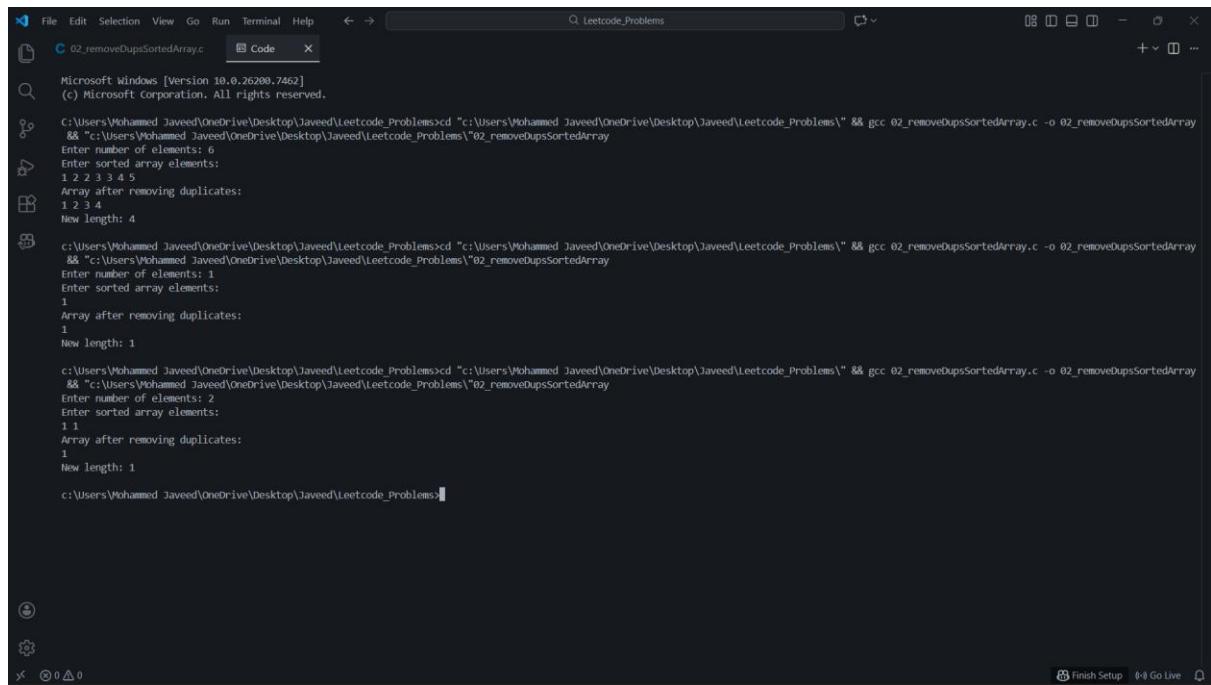
OUTPUT: