

# Solution Code



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/* C program count total number of duplicate elements in an array */

#include <stdio.h>

int main(){
    int arr[100];
    int i,j, n, count = 0;
    printf("Enter size of the array : ");
    scanf("%d", &n);
    printf("\nEnter elements in array : \n");
    for(i=0; i<n; i++) {
        printf("\nEnter %d element in array : ",i+1);
        scanf("%d", &arr[i]);
    }
    for(i=0; i<n; i++){
        for(j=i+1; j<n; j++){
            /* If duplicate found then increment count by 1 */
            if(arr[i]==arr[j]) {
                count++;
                break;
            }
        }
    }

    printf("\nTotal number of duplicate elements found in array = %d", count);

    return 0;
}
```