

Finding duplicate elements in an array

```
#include <stdio.h>

int main() {
    int arr[100], size, i, j;

    printf("Enter size of the array: ");
    scanf("%d", &size);

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

    printf("Duplicate elements in the array: ");

    // Finding duplicates
    for (i = 0; i < size; i++) {
        for (j = i + 1; j < size; j++) {
            // If duplicate element is found
            if (arr[i] == arr[j]) {
                printf("%d ", arr[i]);
                break; // To avoid printing multiple duplicates of the same element
            }
        }
    }

    printf("\n");
    return 0;
}
```