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#include <stdio.h>

int removeAll(int arr[], int *size, int element) {
    int newSize = 0;
    for (int i = 0; i < *size; i++) {
        if (arr[i] != element) {
            arr[newSize++] = arr[i];
        }
    }
    *size = newSize;
    return newSize;
}

int main() {
    int source[] = {4, 5, 6, 6, 4, 3, 6, 4};
    int size = sizeof(source) / sizeof(source[0]);
    int elementToRemove = 4;
    printf("Original array: ");
    for (int i = 0; i < size; i++) {
        printf("%d ", source[i]);
    }
    printf("\n");
    int newSize = removeAll(source, &size, elementToRemove);
    printf("Array after removing %d: ", elementToRemove);
    for (int i = 0; i < newSize; i++) {
        printf("%d ", source[i]);
    }
    printf("\n");
    return 0;
}
```