

```
#include <stdio.h>
#include <stdlib.h>

// How long is this array (use delimiter -1)
int arrlen(int *arr){
    int len = 0;
    while(arr[len] >= 0)
        len++;
    return len;
}

// Insert score into the array list at index pos
void insertAtPosition(int *list, int score, int pos){
    for(int i = arrlen(list); i >= pos; i--){
        list[i + 1] = list[i];
    }
    list[pos] = score;
}

int insertAndGetRank(int *list, int score){
    for(int i = 0; ; i++){
        if(score >= list[i]){
            insertAtPosition(list, score, i);
            break;
        }
    }
    int rank = 1, curr = list[0];
    for(int i = 0; ; i++){
        if(list[i] < curr){
            rank++;
            curr = list[i];
        }
        if(score == list[i])
            return rank;
    }
}

int main(){
    int n;
    scanf("%d", &n);
    int *scores = (int*)malloc(n * sizeof(int));
    for(int i = 0; i < n; i++){
        scanf("%d", &scores[i]);
    }
    int m, MrCScore;
    scanf("%d", &m);
    int * temp = (int*)realloc(scores, (m + n + 1) * sizeof(int));
    if(temp != NULL)
        scores = temp; // Check for NULL pointer
    scores[n] = -1; // Delimiter
    for(int i = 0; i < m; i++){
        // Read Mr C's score
        scanf("%d", &MrCScore);
        // Insert it into the ranking and get his rank
        printf("%d\n", insertAndGetRank(scores, MrCScore));
    }
    return 0;
}
```