```c
#include <stdio.h>
void sortAscending(int arr[], int n) {
    int i, j, temp;
    for(i = 0; i < n-1; i++) {
        for(j = 0; j < n-i-1; j++) {
            if(arr[j] > arr[j+1]) {
                temp = arr[j];
                arr[j] = arr[j+1];
                arr[j+1] = temp;
            }
        }
    }
}
void sortDescending(int arr[], int n) {
    int i, j, temp;
    for(i = 0; i < n-1; i++) {
        for(j = 0; j < n-i-1; j++) {
            if(arr[j] < arr[j+1]) {
                temp = arr[j];
                arr[j] = arr[j+1];
                arr[j+1] = temp;
            }
        }
    }
}
void printArray(int arr[], int n) {
    int i;
    for(i = 0; i < n; i++) {
        printf("%d ", arr[i]);
    }
    printf("\n");
}
int main() {
    int arr[100], n, i;
    printf("Enter number of elements: ");
    scanf("%d", &n);
    printf("Enter %d elements:\n", n);
    for(i = 0; i < n; i++) {
                scanf("%d", &arr[i]);
    }
    sortAscending(arr, n);
    printf("Array in Ascending order:\n");
    printArray(arr, n);
    sortDescending(arr, n);
```

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    printf("Array in Descending order:\n");
    printArray(arr, n);
    return 0;
}
```