```cpp
#include <iostream>
#include <QuickSort.h>
using namespace std;
void Max_e_Min(int arr[], int mySize){//Size means the number of elements
    QuickSorting sortThis;
    int finArray[mySize];
    int k=0;
    int i=0;
    int j=(mySize-1);
    int m=mySize/2;//m is the index number of the midpoint
    sortThis.actualSort(arr,i,j);
    while(i<=m){
        if(i!=j){
            finArray[k]=arr[i];
            k++;
            i++;
            finArray[k]=arr[j];
            j--;
            k++;
        }
        else if (i==j){
            finArray[k]=arr[i];
        }
    }
    for(i=0,k=0;i<mySize;i++,k++){
        arr[i]=finArray[k];
    }
    }

int main()
{
int X[]={4,7,5,2,8,4,0,9};
    Max_e_Min(X,8);

    for(int i:X){
        cout<<i<<" ";
    }

    return 0;
}
```