#include<iostream>

using namespace std;

int main()

{

//code

int t;

cin>>t;

while(t--){

int n;

cin>>n;

int \*arr = new int[n];

for(int i = 0; i < n; i++){

cin>>arr[i];

}

bool flag = true;

for(int i = 0; i < n -1; i++){

if(flag){

if(arr[i]<arr[i+1]){

swap(arr[i], arr[i+1]);

}

}

else{

if(arr[i]>arr[i+1]){

swap(arr[i], arr[i+1]);

}

}

flag = !flag;

}

for(int i = 0; i < n; i++){

cout<<arr[i]<<" ";

}

cout<<endl;

}

return 0;

}