Rearrange the array

Given an array of integers, task is to print the array in the order – smallest number, Largest number, 2nd smallest number, 2nd largest number, 3rd smallest number, 3rd largest number and so on..

Input:
The first line consists of an integer **T** i.e number of test cases. The first line of each test case consists of an integer **N**.The next line consists of **N** spaced integers.

Output:
Print the required answer.

Constraints:
1<=T<=100
1<=N,a[i]<=1000

Example:
Input:
2
9
1 9 2 8 3 7 4 6 5
4
1 2 3 4

Output:
1 9 2 8 3 7 4 6 5
1 4 2 3