<https://www.hackerearth.com/practice/algorithms/sorting/merge-sort/practice-problems/algorithm/fredo-and-sums-1-605205cd/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

int t = int.Parse(Console.ReadLine());

while (t-- > 0)

{

int n = int.Parse(Console.ReadLine());

int[] arr = Array.ConvertAll(Console.ReadLine().Trim().Split(' '), e => int.Parse(e));

Array.Sort(arr);

long mins = 0, maxs = 0;

for (int i = 1; i < n; i += 2)

mins += (long)(arr[i] - arr[i - 1]);

for (int i = 0; i < n / 2; i++)

maxs += (long)(arr[n - 1 - i] - arr[i]);

//cout << mins << " " << maxs << "\n";

Console.WriteLine(mins + " " + maxs);

}

Console.ReadLine();

}

}

}