**Merge Sort Code**

**Send Feedback**

Sort an array A using Merge Sort.

Change in the input array itself. So no need to return or print anything.

**Input format :**

Line 1 : Integer n i.e. Array size

Line 2 : Array elements (separated by space)

**Output format :**

Array elements in increasing order (separated by space)

**Constraints :**

1 <= n <= 10^3

**Sample Input 1 :**

6

2 6 8 5 4 3

**Sample Output 1 :**

2 3 4 5 6 8

**Sample Input 2 :**

5

2 1 5 2 3

**Sample Output 2 :**

1 2 2 3 5