[16,21,11,8,12,22] -> Merge Sort

16,21,11,

   16,21,11
  16 – 21—11
16---- 21----11
16----11---21

11,16,21

8,12,22

8---12---22
8—12   22
8 12   22

8,12,22

Result: 8,11,12,21,22