merge together

3

2

5

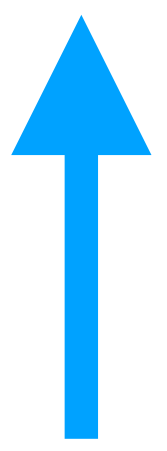
7

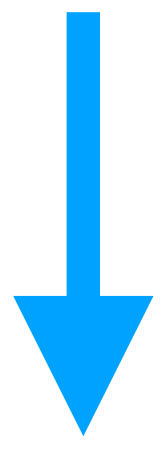
3

2

5

7





3

2

5

7

3

Merge Sort

- Repeatedly merge together sub-arrays until the entire array is sorted.

[[3] [2] [4] [5] [1] [7]]

[[2 3] [4 5] [1 7]]

[[2 3 4 5] [1 7]]

[1 2 3 4 5 7]

How efficient is Merge Sort?