Question 2: [-1, -5, 67, -10, 21, 8, 4, 1] Insertion

-5, -1, 67, -10, 21, 8, 4, 1
-10, -5, -1 67, 21, 8, 4, 1
-10, -5, -1 21, 67, 8, 4, 1
-10, -5, -1, 8 21, 67, 4, 1

-10, -5, -1, 4, 8, 21, 67, 1
-10, -5, -1, 1, 4, 8, 21, 67

Question 1: [1, 25, 31, 16] and [-3, 0, 16, 27]

mergesort

1, 25   16, 31   -3, 0   16 27

1, 16, 25, 31   -3, 0, 16, 27

-3, 0, 1, 16, 16, 25, 27, 31