merge (list 4, lists, list3);

89<71 50 175t3 is modified as [71 [89] list?

merge (list6, list7, Oblist); 11 < 71 so [11]

32 <71 50

32<71 so [11]32] End of Page 1 (Ignore Overlap)

list 6 is now empty so final while loop conditions apply and all elements of list? one added to Offist.
Offist [11 32 71 89] Original list -> 25 10 67 32 11 89 71 (= Still unsorted for reference)
/ O6113t
$sorted \rightarrow 10/25/67$ $11/32/71/89 = sorted$
merge (list1, list2, Oblist);
Inc. left index 10 10 10 10 10 10 10 10 10 10 10 10 10
In reality, there are elemats in those positions, but they are now irrelevant given our broken-down and sorted
Inc. Left index 10 11 25 Sub-lists there are merging.
57 > 32 so -> 10 11 25 32 Sourcementing each time a sorted element is added back
67<71 50 -> 10 11 25 32 67
While loop condition fails because left index = list1. length
Now, copies the final elements from whichever list's Index is not at that lists length. In this case, list2's elements are moved
1 32 71 89 move 71 and 89 [10] 11 25 32 67 71 89 (Fully sorted list!) Tourrent left index