I implemented the info class as specified in the pdf. I calculated the count as the words array length in the Info class because they will have same value.

In MyMap constructor, I took the String value as parameter and split it by the whitespaces and with a nested for loop(outside one is for words and inside one is for the characters in that word) I constructed the hashmap.

In MergeSort class I created 2 functions merge and sort as in classical merge sort algorithm, I implemented them as they are going to sort an integer array and I changed the array parts to a Map.Entry<String, Info> array. I passed the linkedhashmap entries inside the original map by casting the map.entryset() to array into the sort method, and reconstructed the linkedhashmap by iterating the entries array. Then I set the sortedMap linkedhashmap to the sorted linkedhashmap.