Assignment 1 : Sorting

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This assignment can be solved by using sort. Among them, I chose the merge sort method. Merge sort, which is stable sort and has O() time complexity, was suitable for solving this assignment.

My code saves the Key attributes marked with \* in the input file separately and then does a merge sort on them. The program will print all attributes of one object line by line based on that order.

Due to the limits of t and m, the size of the buffer received per line does not exceed 1530 bytes. The time complexity is O(1530 \* n log n) = O(n log n).