**Day 6 :**

**30 June – 2024**

**Data Structure**

Merge sort : Merge sort is an efficient sorting technique for large data set. Because this sorting technique follow divided and conquer paradigm or rules.

It works by dividing the input data or items into two parts or halves, and sorting each half part (ie left and right ) recursively and then merge the sorted data set is final data-set (left and right) and produce sorted output.