Concurrent MergeSort

- Merge Sort is implemented using processes and threads.
  - For elements < 5, Selection Sort is implemented inside Merge Sort.

Running the Program

- Run gcc q2.c -lpthread;
- Run ./a.out

Input Format

- Enter the no. of elements in array.
- Then, Enter each element of array.

Comparison

The normal merge sort runs the fastest due to no overheads of creating processes and threads. Threads quick sort runs faster than process merge sort as creating new processes with different stacks etc requires more time and has more overhead.