

1. **Memory Mapping:** Create a file containing 1,00,000 random integers¹. Create a memory mapping on the newly created file in shared mode. Sort these numbers and write onto the mapped area. unmap the file. At the end you should get to view a file which is sorted.

Note: 1. Implement this program either in **C** or **C++** language only.

Note: 2. This warm up problem needs the concepts of Memory Mapping. Sections 49.1 to 49.3 shared with you will help in this warm up problem.

¹If 1,00,000 is too big a number to map onto process virtual space, reduce this number suitably