**Instruction:**

1. **Plagiarism will be checked after the exam. If found, all involved students will get zero.**
2. **After completion, you need to submit your code via Google Form. Use following link**

**https://docs.google.com/forms/d/e/1FAIpQLSdrcPHZAghjGGo2lrNPUTLy56hF3CQ1zPg3YHS7wYJXy8-Bvw/viewform?usp=sf\_link**

1. **The file name of your program should be your roll underscore test3 with .c extension. For example, if the roll number is 2202222, the file name should be “2202222\_test3.c”**
2. **Mark will be deducted for every minute delay in submission.**
3. **Submission time 10:00 AM, 16th March.**

Write a program to sort a set of numbers using two threads. The program takes input from the user. The numbers are divided into two halves. For example, if there are ten numbers, the first half contains the first five numbers and the second half contains the next five numbers. The program creates two threads to sort the two halves. The threads exit after sorting. The main thread then merges the two sorted arrays into one sorted array and displays the result.