**PARALLEL AND DISTRIBUTED PROCESSING**

**PROGRAMMING ASSIGNMENT\_1**

**Exercise 1: Implementation of the sorting algorithm for an arbitrary number of processes using MPI send/receive in the class.**

***SOLUTION APPROACH:***

Initially we are provided with program that works for sorting only with 2 processes using MPI send/receive. Now we need to provide a sorting algorithm that works for any number of processes.

Assumptions:

1. The Maximum number of random can be taken as 50.