

Exercise Instructions for Students

1. Spend a few minutes searching the internet for a scientific application that is advanced by HPC / parallel algorithms.
2. Describe a parallel algorithm to compute the maximum of ***n* numbers** with ***p* processes**.
3. Implement a sequential program for ***matrix multiplication***.
4. Implement a sequential program for ***odd-even transposition sort***.
5. Implement a sequential program for the ***trapezoidal rule***.