

Assignment-4

Deadline: Feb 24, 2020, 06:00 pm

All the assignments have to be supplemented with a **brief write-up with the following details** (wherever necessary):

Write a **serial code** and **parallel code** for the following (using openMP):

- **Calculation of pi using random numbers.**

First use the random function of the C library for random number generations and then understand the problem of parallel random number generations using OpenMP, and what are the main issues. How did you solve it. Report on it briefly. Ref - lecture dated 17th Feb.

All the details to be provided as per previous assignment (10 broad points) , make comments about your observations and the most optimized implementation.

Deadline : Today by 6 PM (no extension will be provided).