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Program Structures & Algorithms

Fall 2021

Assignment No. 5

GitHub URL: <https://github.com/Nithya-Viswanathan/INFO-6205-Assignments.git>

⦿ **Task (List down the tasks performed in the Assignment)**

1. Implemented the ParSort
2. Experiment with different array sizes
3. Draw a conclusion about the efficacy of the parallelism

⦿ **Conclusion:**

Parallel sort is more efficient when sorting large arrays. A cut-off of 10000 has proven to be optimal from my experiments.

⦿ **Evidence to support the conclusion:**

Excel report: <https://drive.google.com/file/d/1YycEOcY-8sOUtIti8mYF77XR9tdKnU5J/view?usp=sharing>