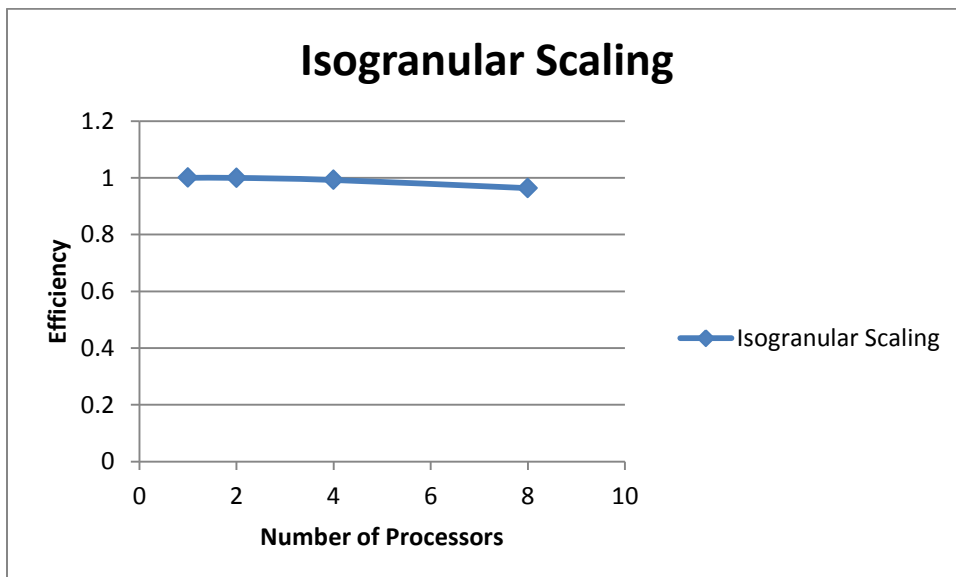
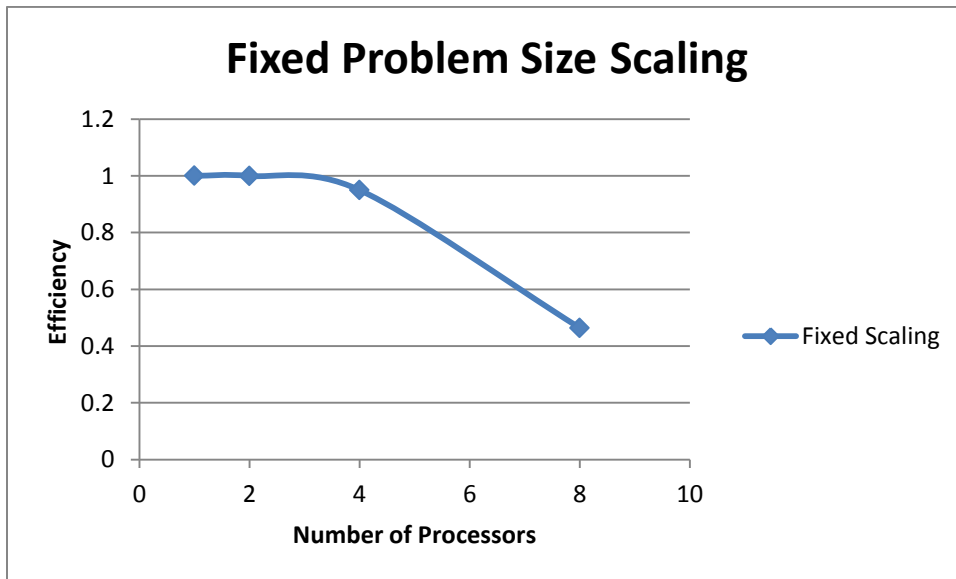


Name: Saurabh Chaure

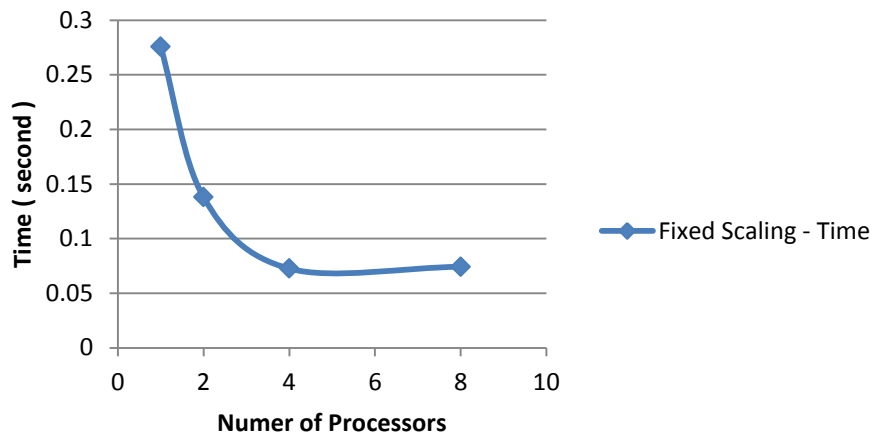
Assignment 2 Report : Parallel Computation of PI

Ran the two programs `fixed_scaling.c` and `isogranular_scaling.c` to demonstrate Parallel Computation of PI using Fixed Problem Size Scaling where the Number of Bins is fixed to 10^7 and Isogranular Scaling where the Number of Bins is $10^7 * \text{number of processors}$

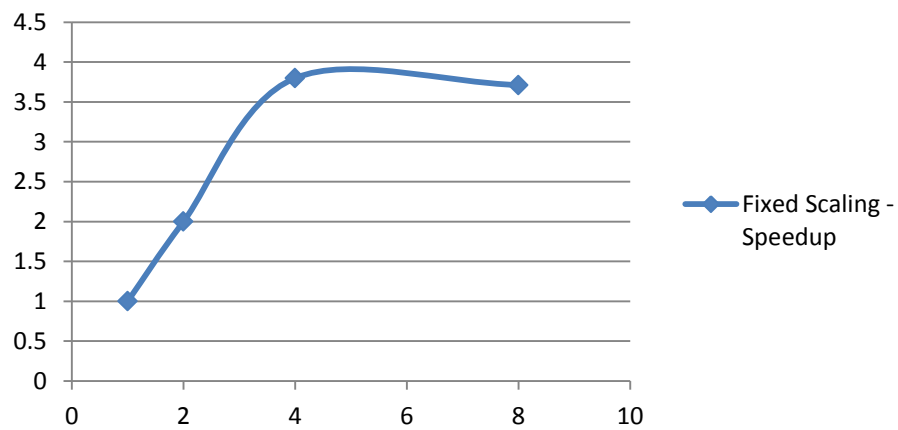
Start and End times of the completion of the program were recorded using `MPI_Wtime` command and thus the time of completion was recorded. Below are the results.



Fixed Scaling - Time



Fixed Scaling - Speedup



Isogranular Scaling - Time

