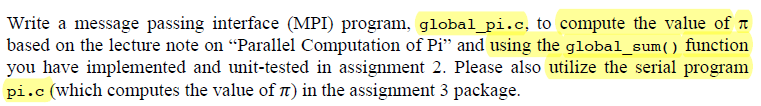
Minh Tran

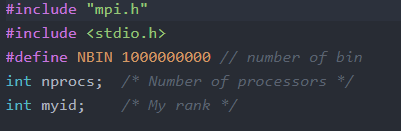
Assignment 3 CSCI 596: Parallel Computation of Pi and Scalability Analysis

1. Programming

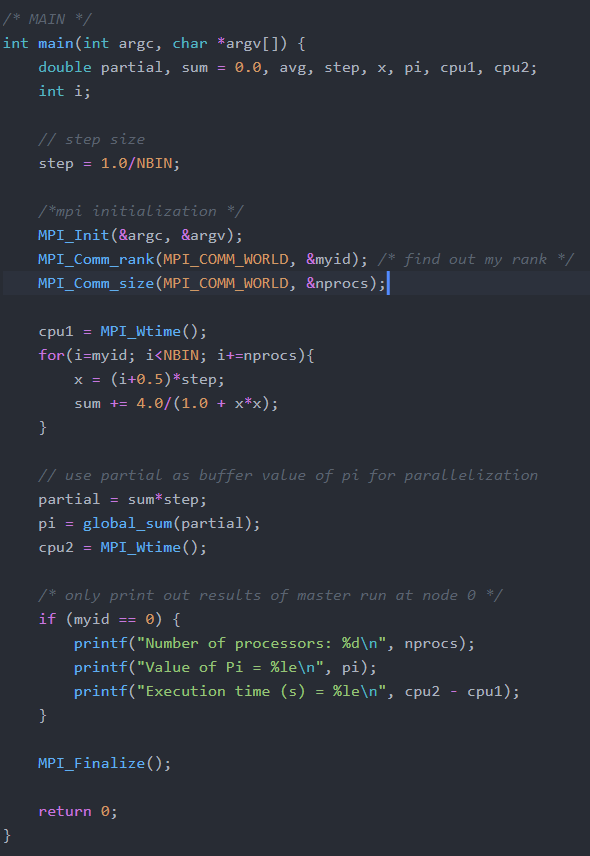


**Solution:**

Below is the image of the source code:





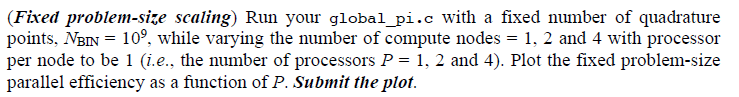


To compile this program, on discovery cluster node run:

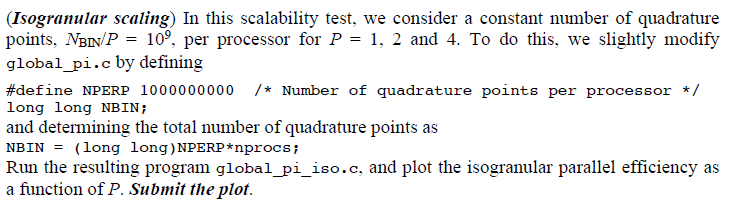
**Mpicc -o global\_pi global\_pi.c**

To submit the job run: **sbatch global\_pi.sl**

1. Scalability
2. Fixed problem-size scaling



1. Isogranular scaling



**Solution:**

Here is the printout of the output file.

