

Assignment 3 Report

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1. Status of programs

- Both oddeven programs are working as expected. I have tried with different N values and setting the WORST flag true. In the oddeven2 program, I have used 2 separate count variables to keep a count and terminates when there is no change in the count from the previous iteration
- Both producer consumer programs are working as expected. I have used sync variable to terminate the consumers in prodcons2

2. Observations

- When the WORST flag is set, there is never early termination in oddeven2.chpl program
- Oddeven2 terminates early. The most saved rounds I saw was 3. I have tested for different values of N and processors
- For the prodcons program, producer and consumer run parallelly with interleaving

3. Experience with this assignment

- Understanding the sync variable and how it works took some time.