FIT3143 Lab {Week 06}

Git URL {Specify URL for Lab Week #}

Contribution {To be completed by Students}:

|  |  |  |
| --- | --- | --- |
| **Student ID** | **Student Name** | **Contribution** |
|  |  |  |
|  |  |  |

Self-Evaluation {To be highlighted by Student only}:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Need Help | Work in Progress | Pass | Credit | Distinction | High Distinction |

Tutor Evaluation {To be highlighted by Tutor only}:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Incomplete | Needs improvement | Pass | Credit | Distinction | High Distinction |

Tasks:

Q1

{Answers – Provide a brief description of the code. You can also opt to copy and paste parts of the code here to support your description. However, the code file should be included into your Git repository for Week 6. Provide a screen shot of the executed program to support your description. In addition, please ensure that you properly comment your code in the code file(s).}

Q2

{Answers for parts (d) and (e) - Provide a description of the parallel algorithm (or code). You can also opt to copy and paste parts of the code here to support your description. However, the code file should be included into your Git repository for Week 6. Provide a screen shot of the executed program to support your analysis and description. In addition, please ensure that you properly comment your code in the code file(s).}

Q3 – Optional Bonus Activities

{Answers - Include screenshots of executions on MonARCH Cluster and tabulate all actual speed ups. Observe and analyse your results. Include some discussions on the performance gains when running MPI processes on a cluster (if any)}

{References – Optional (if any)}

Declaration

I declare that this eFolio tasks and the linked code are my individual work. I have not copied from any other student’s work or from any other source except where due acknowledgment is made explicitly in the text and code, nor has any part of this submission been written for me by another person.

Signature of student 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of student 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_