**Blue Waters Petascale Semester Curriculum v1.0**

**Unit 5: MPI**

**Lesson 3: Distributed Memory Concepts: Distributed Multiprocessing**

**Sample Assessment**

*Developed by Widodo Samyono for the Shodor Education Foundation, Inc.*

1. Implement the distributed memory concept of MPI for calculating the area under the curve.
2. How the scaling of the program compares to the single core.



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*Browse and search the full curriculum at*[*http://shodor.org/petascale/materials/semester-curriculum*](http://shodor.org/petascale/materials/semester-curriculum)

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