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

**Unit 5: MPI**

**Lesson 4: 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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