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

**Unit 5: MPI**

**Lesson 9: Hello World**

**Sample Assessment**

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*We want to hear from you! Please let us know your experiences using this material by sending email to* [*petascale@shodor.org*](mailto:petascale@shodor.org)

1. What is the rank of an MPI process?
2. Does each rank of an MPI process operate in sequence? What does that mean when programming parallel processes where the order of operations is important?