Name:

Serialization Assignment Demo Rubric

*Serialization functionalities demo: ( \_\_ / 25)*

* + Demonstrate that the following works correctly by running examples.serialization.SerializationTester: ( \_\_ / 24)
    - Correctly serializes base classes (7)
    - Correct dispatching based on class name [use breakpoints to show both serialization of class names and values] (7)
    - Correctly serializes the null object (1)
    - Correctly serializes enum, array, bean, and list (4)
    - Correctly serializes a non-tree data structure (5)
  + Demonstrate that the data can be deserialized into a different class implementing the same interface (1)

*Switch between the custom serializer with your stringBuffer serializer and byteBuffer serializer ( \_\_ / 10)*

* + Use tracing to show the three serializers work correctly (9)
  + Compare the size of the byte buffers created by the three schemes (1)

*Custom serializers in simulations ( \_\_ / 3)*

* + Show code used to generate the 500 commands for simulation (1)
  + Show timing results of running the halloween simulation with the default GIPC implementation and the two serialization schemes created (2)

Total : \_\_\_\_\_ / 38

Notes and Other Comments