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