

## PA6 Functional Programming Grading Rubric

Remember, the rubric should be used as a guide, but you should still practice good object-oriented programming. The rubric may not cover all scenarios in which we take off points for bad object-oriented practice.

Late policy: 4% per day for a maximum of 40% off

- Part a) use streams to sort the invoice objects by partDescription, then display the results. (-30)
  - Did not convert the Invoice List to a stream. (-10)
  - Did not sort the stream by partDescription. (-10)
  - Did not display the output as per the example in the assignment. (-10)
    1. Not columnar. (-5)
    2. Dollar amounts not displayed to two decimal places. (-5)
- Part b) use streams to sort the invoice objects by pricePerItem, then display the results. (-30)
  - Did not convert the Invoice List to a stream. (-10)
  - Did not sort the stream by pricePerItem. (-10)
  - Did not display the output as per the example in the assignment. (-10)
    1. Not columnar. (-5)
    2. Dollar amounts not displayed to two decimal places. (-5)
- Part c) use streams to map each invoice object to its partDescription and quantity, sort the results by quantity, then display the results. (-30)
  - Did not convert the Invoice List to a stream. (-10)
  - Did not sort the results by quantity. (-10)
  - Did not display the output as per the example in the assignment. (-10)
    1. Not columnar. (-5)
    2. Dollar amounts not displayed to two decimal places. (-5)
- Did not use the template code provided to start the assignment. (-10)