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**Bellevue College – CS211**

**Assignment 7 – Chapter 15**

**2018-11-16**

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| The code written to augment ArrayIntList.java and the corresponding main() method in Assignment7.java meet the requirements set out in this assignment. Debugging was used to trace through method processing. Below you’ll find requirements along with related code and console output.  Documentation begins on the next page. |  |

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| **Requirement** | **Code** | **Console** |
| Write a method called upToNowTotal that returns a new ArrayIntList that contains a running total of the original list. In other words, the i th value in the new list should store the sum of elements 0 through *i* of the original list.  The original list should not be changed by the method. If the original list is empty, the result should be an empty list. The new list should have the same capacity as the original. | main() test: |  |

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| Write a method isPairSorted that returns whether or not a list of integers is pairwise sorted (true if it is, false otherwise). A list is considered pair sorted if each successive pair of numbers is in sorted (non-decreasing) order.  If a list is so short that it has no pairs, then it is considered to be pair sorted. If a list is of odd length, the final element should be ignored since it has no pair. |  |  |

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| Write a method removeLast that takes an integer *n* as a parameter and that removes the first *n* values from a list of integers.  You may assume that the parameter value passed is between 0 and the size of the list inclusive. |  |  |