Winter 2014 INF141/CS121 Task 12 Rubric

**Total: 100 + 5**

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| **Tokenize** |
|  | Method tokenizeFile implemented as specified | 2 |
|  | Clean written code/well documented | 2 |
|  | Correct tokens found | 4 |
|  | Tokens in correct order | 2 |
|  | Tokens are normalized | 2 |
|  | Method printFrequency implemented as specified | 1 |
|  | Print total item counts | 2 |
|  | Print unique item counts | 2 |
|  | Print frequency list | 3 |
|  |  | **Subtotal: 20** |

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| **Word Frequencies** |
|  | Method computeWordFrequencies implemented as specified | 2 |
|  | Clean written code/well documented | 2 |
|  | Handle null input correctly | 2 |
|  | Find words correctly | 4 |
|  | Calculate frequency correctly  | 4 |
|  | List of Frequency objects returned is ordered correctly | 4 |
|  | Original list is not modified by computeWordFrequencies method | 2 |
|  |  | **Subtotal: 20** |

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| **2-grams** |
|  | Method computeTwoGramFrequencies implemented as specified | 4 |
|  | Clean written code / well documented | 2 |
|  | Handle null input correctly  | 1 |
|  | Find 2-grams correctly | 10 |
|  | Calculate frequency correctly | 5 |
|  | List of Frequency objects returned is ordered correctly | 5 |
|  | Process long file efficiently  | 3 |
|  |  | **Subtotal: 30** |

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| **Palindromes** |
|  | Method computePalindromeFrequencies implemented as specified | 4 |
|  | Clean written code / well documented | 2 |
|  | Handle null input correctly  | 1 |
|  | Find palindromes correctly | 7 |
|  | Find overlapping palindromes correctly | 3 |
|  | Calculate frequency correctly | 4 |
|  | List of Frequency objects returned is ordered correctly | 4 |
|  | Original list is not modified by computePalindromeFrequencies method | 1 |
|  | Process long file efficiently  | 4 |
|  |  | **Subtotal: 30** |

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| **Palindromes Extra Credit** |
|  | Identify palindromes ending on word boundaries | 5 |
|  |  | **Subtotal: 5** |