**3020 Assignment 2**

**Part B**

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| Test 1 | |
| Input | Since the skip list code in the coursework will randomly generate a skiplist for us, we will give the code some input to return us the rank of the given item. Our skip list contains item from 10 – 100 with an increment of 10.  Lets find the rank of 50. |
| Expected Output | The rank of 50 should be 5, since it is found on the 5th index of the skip list. |
| Actual Output |  |

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| Test 2 | |
| Input | We will try getting the rank of ‘45’, which is not going to be there in the list. |
| Expected Output | The rank returned is -1, and an error message that says “rank not found” |
| Actual Output |  |

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| Test 3 | |
| Input | Test the T rank(int i) method.  Get the item at rank 8. |
| Expected Output | This should return ‘80’ |
| Actual Output |  |

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| Test 4 | |
| Input | Test the T rank(int i) method.  Get the item at rank 11 |
| Expected Output | This should return ‘item not found’ |
| Actual Output |  |