**Lab:**

**Name:**

**Registration number:**

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| **Problem statement(s)** |

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| **Program description(s)**  In the first exercise smallest method is pre outlined for me and it is a method which is able ot operate on various object types in order for comparison to be made to any object type in this case. |

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| **Test description**  Exercise 1  Exercise 2:  Test 1: Change order of words being added, does it still return smallest?  Result: PASS – hello is still returned with correct position for where it is in the list now.  Test 2: |
| **Known bugs** |
| **Possible improvements** |
| **Comments**  To improve this lab I would make it clear how the **compareTo** method actually makes comparisons. In particular with strings, many may think it is comparing to find the shortest length string. It compares strings based on the Unicode value of the characters in the string. |
| **Extra credit** |
| **References** |