**INFO 6205(02)**

**Program Structures & Algorithms**

**Fall 2020**

**Assignment No.2**

* **Relationship conclusion**

1) The time used for sorting different kinds of arrays from fastest to lowest

is ordered array, partial ordered array, random array, reverse ordered array.

2) The time complexity of ordered array is O(n).

The time complexity of the other arrays (partial ordered, random, reverse ordered) is O(n^2).

* **Evidence to support relationship** (screen shot and/or graph and/or spreadsheet

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* **Screenshot of Unit test passing**

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**Graphical user interface, text

Description automatically generated**