Vocabulary - Chapter 08 Arrays

**Array:** A named list of data items that all have the same type

**Element:** One Variable or Object in an Array

**Subscript:** An integer contained within square brackets that indicates one of an Array’s Elements

* Index: a subscript
* Out of Bounds: a subscript that is not within the allowed range for an Array

Initialization List: A series of values provided for an Array when it is declared

* Populating an Array: the act of providing values for all of the Elements

Property: of an Object is an Instance Variable or Field

**Enhanced for Loop:** Allows you to cycle through an Array without specifying the starting & ending points for the LCV

* **For Each** Loop: an enhanced for Loop

Flag: A Variable that holds a value (often true or false) as an indicator of whether some condition has been met

**Searching** an Array: The process of comparing a value to a list of values in an Array, looking for a match

**Parallel** Array: An Array with the same number of Elements as another, and for which the values in corresponding elements are related

Range Match: The process of comparing a value to the endpoints of numerical ranges to find a category in which the value belongs

Passed by **Value:** When a Variable is passed to a Method & a copy is made in the receiving Method

Passed by **Reference:** When a Reference (Address) is passed to a Method