# Input Values

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## Array Types

1. Sorted Array:
    a. [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
2. Unsorted Array:
    a. [20, 382, 78, 292, 1000, 889, 2, 10, 92, 3, 11]
3. Array in reverse order:
    a. [10, 9, 8, 7, 6, 5, 4, 3, 2, 1]
4. Nearly Sorted Array
    a. [11, 12, 13, 14, 2, 1, 20, 30, 19]
5. Duplicate Value Array 1
    a. [1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1]
6. Duplicate Value Array 2
    a. [100, 49, 90, 100, 49, 90, 100, 49, 90, 100, 49, 90, 100, 49, 90, 100, 49, 90, 100, 49, 90, 100, 49, 90, 100, 49, 90]
7. Duplicate Value Array 3
    a. [10, 4, 10, 4, 10, 4, 10, 4, 10, 4, 10, 4]

The Simulated Annealing standalone experimentation data was randomly produced after each test.