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CSC400: Data Structures and Algorithms
Critical Thinking Module 5
Option #2
April 23, 2017
```

Program Pseudocode

```
Function reverseArray {
    If (startIndex < endIndex) {
        swap array[startingIndex], array[endingIndex]
        reverseArray(array, startingIndex + 1, endingIndex -1)
    }
}</pre>
```

Program Screenshots

Program Output

```
Run-ArrayReverser

Run ArrayReverserTest

ArrayReverserTest

Testing writing an array backwards
Original Array: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]
Backwards Output: 10 9 8 7 6 5 4 3 2 1

Original Array: [10, 9, 8, 7, 6, 5, 4, 3, 2, 1]
Backwards Output: 1 2 3 4 5 6 7 8 9 10

Original Array: [10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30]

Process finished with exit code 0

Process finished with exit code 0
```

ArrayReverser Class

ArrayReverserTest Class