

## Practice Problems 2/23/2016

### Part 1: Problem Solving

1. Complete the following method:

```
/**
 * Reverse the contents of an array using a for loop.
 * @return the reversed array
 * @param input is the array to reverse
 */
public int[] reverse(int[] input) {
    // TODO: Implement method
}
```

2. Complete the following method:

```
/**
 * Reverse the contents of a linked list of any number
 * of Nodes using a for loop.
 * @return the new firstNode
 * @param input is the firstNode of the linked list to reverse
 */
public Node<T> reverse(Node<T> input) {
    // TODO: Implement method
}
```

### Part 2: Coding Bat

Try to get a yellow star by getting the most efficient solution! Copy and paste your code into a new Java class in Eclipse and use the debugger if you get stuck.

1. <http://codingbat.com/prob/p136585>
2. <http://codingbat.com/prob/p121853>
3. <http://codingbat.com/prob/p104627>
4. <http://codingbat.com/prob/p191878>
5. <http://codingbat.com/prob/p142539>