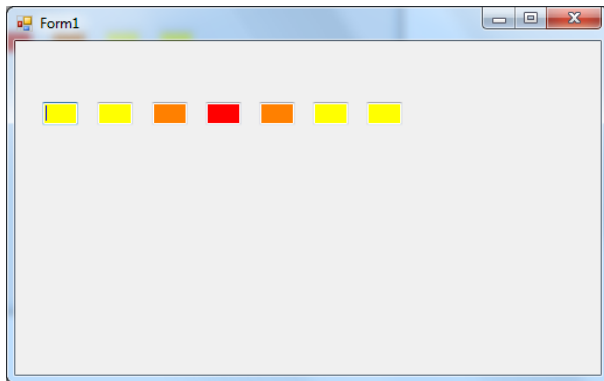# CS 146 Assignment 2

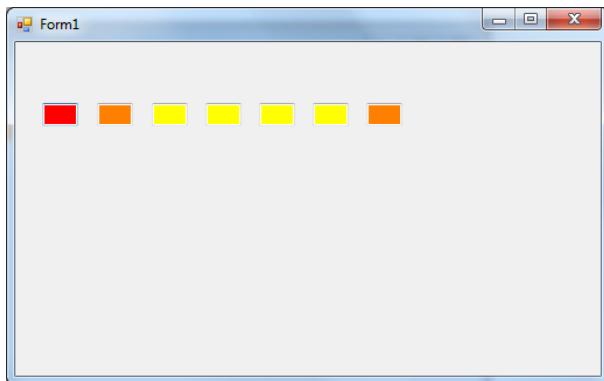## Create an NS flowchart for the program described below. ONLY create the NS flowchart! Do not write the program, we'll do that as an in class assignment.

For this assignment, we are going to concentrate on our understanding of the event handlers that VB provides. You will be simulating a chaser light sequence with 7 textboxes. The chaser light is red, while each light to the left and right of the chaser are colored orange. All other lights will be colored yellow. In the example below, I stopped my chaser in the middle so that you could see what it looks like.

The idea is that every time we press tab, the chaser light moves a position to the right. So in the example above, after I press tab, box 3 becomes yellow, box 4 becomes orange, box 5 becomes red and box 6 becomes orange.

I started my code with the tab order set 0 through 6 starting with the leftmost box and proceeding toward the right. Therefore the initial form looks like:

This should make since we are at Tab Order location 0 (the first box) when we start the program. When we hit tab the first time, we will move to Tab Order location 1 (the second box). The orange box we set at box 7 is the "left" orange to the chaser light. Basically you'll be writing 7 Leave event handlers; one for each box. The only tricky part is watching where you color the lights as you approach the right end of the 7 boxes…

Turn in your flowchart for the 7 event handlers you wrote – you will turn these items in at the beginning of class. Zip up your assignment and post it to the Assignments tab on VSpace before the due date/time.