Harrison Park
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CPSC 335-01
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Project 1

1. PseudoCode For Alternate Sorting

   Swapped = false -> 1tu

   For i = 0 to the length of <vector> _color n

       If (left_element > right_element)

           Swap the two elements

       Swapped = true

       numOfSwap++

   Time complexity = $O(n)$

2. PseudoCode for Lawnmower Sorting

   For i to 0 do n -2 n +1

       min = i

       For j to i + 1 do n -1 n

           if(_color[j] < _color[min]

               j = min

       Swap _color[i] and _color[min]

   Time complexity = $O(n^2)$