



EXAMPLE: find a streak of length 3 in a list

$\{4, 7, 2, \boxed{1, 1, 1}, 8\}$

currStreak has length 3

pseudocode: input a list and a desired streak length

set $pos = 2$ ← current position in my search

$currStreak = 1$ ← number of consec. identical values so far

repeat while $currStreak < desired\ length$ & $pos \leq list\ length$

if $list[pos] == list[pos-1]$:

$currStreak += 1$ ← increment curr streak

else:

$currStreak = 1$ ← restart curr streak

$pos += 1$

if $currStreak == desired\ length$:

return $pos - currStreak$ ← starting position of streak

else:

return False ← no streak found