

CSE143 Lecture Questions for Wednesday, 4/28/21

Question	Answer
<p>Are we going to learn why <code>i++</code> doesn't work with recursive problems, or do we just need to know to avoid it?</p> <p>So the problem is the <code>i</code> part, not the <code>++</code> part?</p> <p>I think I get it, thanks.</p>	<p>It isn't so much that <code>i++</code> doesn't work...it always works...but in almost every case where people suggest using it, it isn't a good choice. With recursive calls, you want to pass on a new value, so using an expression like <code>index + 1</code> is a better way to go.</p> <p>Each case is different. For example, if you use <code>index++</code> instead of <code>index+1</code> as your expression, then you will pass on the old value of <code>index</code> before incrementing.</p>
<p>If your base case is similar to your general case, is that a hint that you're not using recursion zen?</p>	<p>The better indication is that you have a failed case or you have extra cases to test for. With the array and finding the sum, you'd either fail on an empty array with the initial version we used or you'd have to add extra code for that special case.</p>