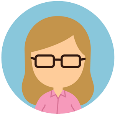
**Audience question**



**Jolene: Instead of copying nextGrid to grid, couldn't we just switch the arrays?**

You're saying we could save some work by using nextGrid as the current state, and grid as the next state for the 2nd generation? And, of course, we'd have to keep switching back and forth so every other generation, we use grid or nextGrid as the current state, and the other array as the next state.

Yes, we certainly could do that. It does save some work, but not all of it, because we need to reset the nextGrid back to all zeros anyway. So as long as we're iterating, we chose to copy the state from nextGrid to grid. We also think it makes the code a bit easier to understand conceptually.

That said, we like your thinking and once we've finished we encourage you to retrofit your code to avoid unnecessary copying.