Instructor Guide

This module introduces the idea of an **embarrassingly parallel algorithm** toward the purpose of getting students to start thinking about parallel design.

There is no formal code in this module, and it is not recommended to dive into a programming language at this stage. The goal is to introduce simple problems and their sequential solutions, and then give students time to think about a parallel solution before revealing the answer.

If your students are familiar with pseudocode and how to write it, you could introduce the three problems themselves, then have them first come up with the sequential pseudocode before approaching the parallel versions.

Common Pitfalls for Students and Instructors

A common pitfall is moving too quickly through this module. After presenting a sequential solution to a problem, it is recommended to pause to give students time to really think about how to parallelize before simply revealing the solution.

Otherwise, no other pitfalls should be expected.