Background on the Mandelbrot set (Wikipedia page):
https://en.wikipedia.org/wiki/Mandelbrot_set

This lesson is based on the second module from the following:

> D.P. Bunde. "Modules for introducing threads". In Prasad, Gupta, Sussman, and Weems editors, *Topics in parallel and distributed computing: Introducing concurrency in undergraduate courses*, chapter 4, pages 59-82, Morgan Kaufmann, 2015.
> https://tcpp.cs.gsu.edu/curriculum/?q=system/files/ch4.pdf

That lesson shows the first kind of race conditions as we do here. It does not cover reductions, but does show load balance and loop scheduling. It creates a .bmp file instead of a .ppm file. Using .bmp causes the race condition to cause color differences, but the file format is significantly more complicated.