Parallelism in Haskell

Quicksort and Mergesort

# Introduction

I will be examining the implementation of parallelism in Haskell over the sorting algorithms Quicksort and Mergesort.

I have chosen to use these algorithms because

1. They were the recommended algorithms
2. They both can be implemented using recursion which should lend itself to parallelism.
3. They’re straightforward algorithms meaning I can obtain examples from online and therefore focus on parallelising them and observing the results.

# Phase 1. Sequential implementation

The first step was to implement a standard version of both algorithms used. I obtained versions online from “<http://learnyouahaskell.com/recursion>” for the quicksort algorithm and from “<https://riptutorial.com/haskell/example/7552/merge-sort>”