Harness the Power of GPUs: An Introduction to GPGPU Programming
Lab 6: Quicksort

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Task 1: Quicksort

- Set up a vector data with 1,000,000 elements of type float. Fill the vector with random numbers. Sort the vector using the quicksort algorithm on the GPU. Verify the correctness of the sorting.
- Use streams to run the sorting of the left and right side concurrently.