



deti

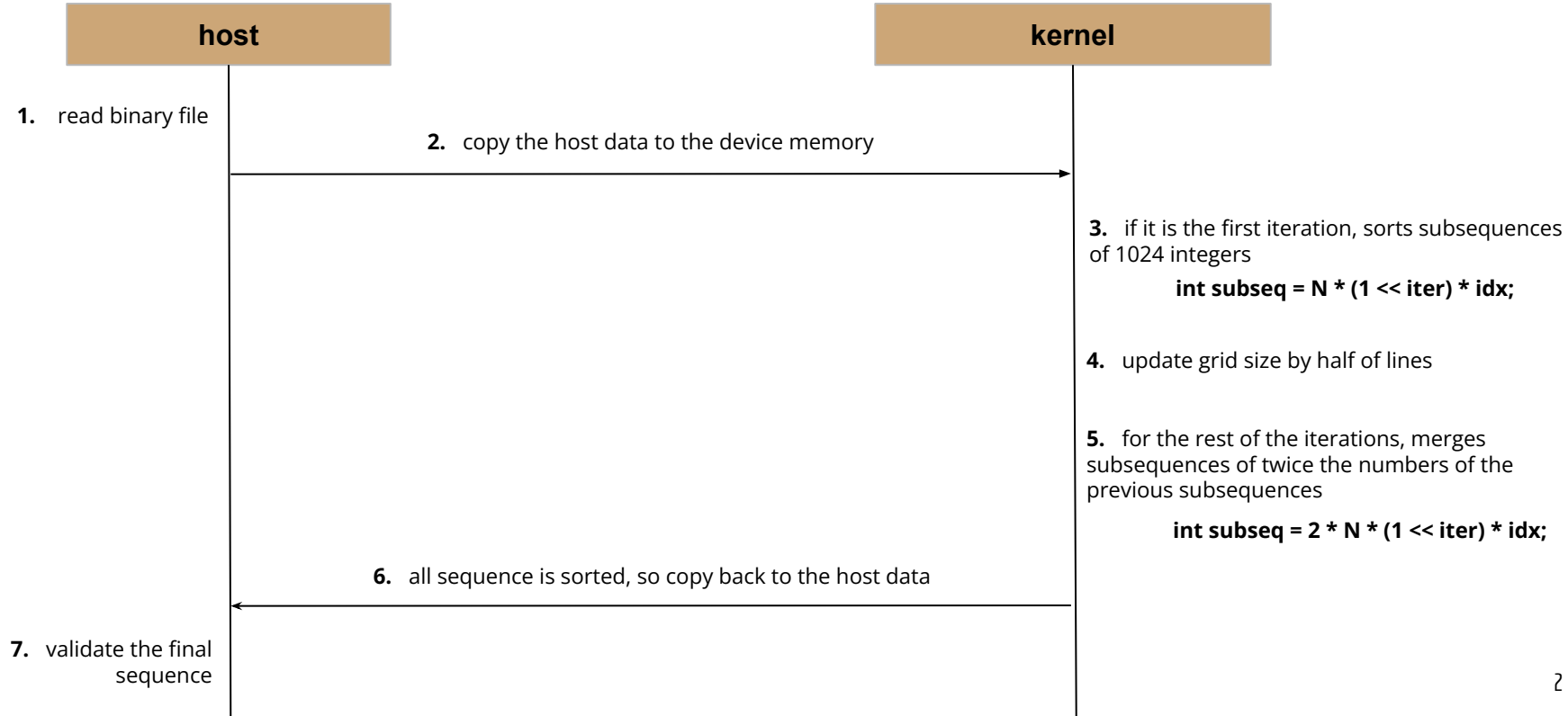
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CUDA - GPU Programming

Computação em Larga Escala
Assignment 3

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Sort Integers by Rows - Implementation



Sort Integers by Rows Problem - Results

- Timing Results for datSeq1M.bin.
- We execute the program 5 times and we calculate the results that are in the table.

running on	Mean Execution Time (s)	Standard deviation (σ)	Variation (σ^2)
GPU	0.3555614	0.013662	0.0001866
CPU	0.5825498	0.005493	0.0000302

so, is it worthwhile to use the GPU to solve this kind of problem?

In this case, yes :)

Sort Integers by Columns - (Incomplete) Implementation

