CUDA-lab2: 1D addition

In this example session you will use CUDA with vectors. Each element of the vector A will be added to a float constant and the result of the computation will be stored in the vector B.

\[ B = A + 11.f \]

1. Objectives and learning goals

- Allocate memory on the card
- Copy data from the host memory to the CUDA card memory
- Call a CUDA kernel
- Understand the CUDA programming model and how threads run on the card to determine the value of the index variable

Replace the WORK FOR YOU comments with calls to CUDA functions.