

Advaned Programming fo HPC - Report 2

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RESULT: Starting labwork 2

Number total of GPU : 2

Name: Tesla K40c

Clock rate: 745000

Core count: 2880

Multiprocessors: 15

Warp size: 32

Memory info

Memory clock rate: 3004000

Memory bus width: 384

Name: GeForce GTX TITAN Black

Clock rate: 980000

Core count: 2880

Multiprocessors: 15

Warp size: 32

Memory info

Memory clock rate: 3500000

Memory bus width: 384

labwork 2 ellapsed 0.8ms

IMPLEMENTATION `void Labwork::labwork2_GPU(int nDevices = 0; //get all devices cudaGetDeviceCount(nDevices);`