

# Report on Labwork 2

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November 24, 2019

## 1 Capture output regarding GPU information

Number total of GPU : 2

GPU #0

GPU name: Tesla K40c

Clock rate: 745000

Number of cores: 2880

Number of multiprocessors: 15

Warp Size: 32

Memory Clock Rate: 3004000

Memory Bus Width (bits): 384

DevicesPeak Memory Bandwidth (GB/s): 288.384000

GPU #1

GPU name: GeForce GTX TITAN Black

Clock rate: 980000

Number of cores: 2880

Number of multiprocessors: 15

Warp Size: 32

Memory Clock Rate: 3500000

Memory Bus Width (bits): 384

DevicesPeak Memory Bandwidth (GB/s): 336.000000

labwork 2 ellapsed 1.6ms