

Programowanie Równoległe na Architekturach Wielordzeniowych

Parallel programming for multi-core architectures

2024/2025

L7

Task:

Propose any solution, which profits from use of CUDA and OpenMP. Application must differ from the attached example. Score for application which resolves chosen problem but usage of CUDA and OpenMP does not yield visible optimization - max 5 points, solution which utilizes CUDA + OpenMP in optimal way - score up to 10 points.

Compilation of sample codes:

```
nvcc -c sample.cu -o sample.o
```

```
nvcc -Xcompiler -fopenmp sample.c sample.o -o sample_app
```