Lab 1: OpenMP

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Lab: 3.5. helloomp.c

Result

```
[[u6088232@cluster Myserver]$ ./helloomp
 Hello World from thread 1 of 4
 Hello World from thread 3 of 4
 Hello World from thread 2 of 4
 Hello World from thread 0 of 4
```

Lab: 4. ompsum.c

(with -fopenmp)

Result

```
  [u6088232@cluster Myserver]$ gcc -fopenmp -o ompsum ompsum.c
  [u6088232@cluster Myserver]$ ./ompsum
  500500
```

(without -fopenmp)

Result:

```
[u6088232@cluster Myserver]$ gcc -o ompsum ompsum.c
[u6088232@cluster Myserver]$ ./ompsum
 500500
```

Lab: 5. omprace.c

(with #pragma omp critical)

Result

```
[[u6088232@cluster Myserver]$ ./omprace
 40000
```

(without #pragma omp critical)

Result

```
[[u6088232@cluster Myserver]$ gcc -fopenmp -o omprace omprace.c
[[u6088232@cluster Myserver]$ ./omprace
 18203
```

Lab: 6.

Source Code

Result

```
[[u6088232@cluster Myserver]$ ./ompsum
 250500
 [u6088232@cluster Myserver]$
```