Assignment 2

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- Parallelization with OpenMP
- In the main:

```
int num_threads = 60;
omp_set_num_threads(num_threads);
#pragma omp parallel single
quicksort(data, length);
```

In the recursion:

```
int limit = 300;
#pragma omp task final (right<limit)
quicksort(data, right);
#pragma omp task final (length-left<limit)
quicksort(&(data[left]), length - left);</pre>
```

Number of threads	Elapsed Time [s]
1	7.546245e+00
10	9.523574e-01
20	5.828795e-01
30	4.987238e-01
40	4.645855e-01
50	4.457861e-01
60	4.363345e-01
70	4.712760e-01
80	4.893235e-01
90	5.068484e-01
100	5.100333e-01

