TDT4186 Lab 2

Task 1: Baseline – Measuring Performance

Tick timings for the `Round Robin` scheduler executing the following benchmark:

```
time sh load.sh
```

Run number	Tick timings
1	13
2	12
3	12
4	14
5	12
6	12
7	12
8	12
9	14
10	12

Average: `12.5` ticks

Task 3: MLFQ – Measuring Performance

Tick timings for the `MLFQ` scheduler executing the following benchmark:

```
time sh load.sh
```

Run number	Tick timings
1	10
2	11
3	10
4	11
5	10
6	11
7	12
8	11
9	10
10	11

Average: `10.7` ticks

Conclusion

Given the low tick timings the run time of the two schedulers are pretty comparable, but the implementation of the MLFQ scheduler ome times seemed to run a bit better.

An explanation for that behavior can be the fact that I mostly tried to prioritize early exiting, so processes that took longer to exit got prioritized lower.