

Operating Systems hw 2

6 October 2019

I measured the times for the following values of P and N:

P	N	First Strategy	Second Strategy	Third Strategy
1	100	0.253 ms	0.171 ms	0.319 ms
100	1	9.3 ms	6.8 ms	3.01 ms
100	100	10.8 ms	22 ms	65.3 ms
100	400	25 ms	208 ms	248ms
600	150	32 ms	194 ms	564 ms
1000	1000	243 ms	2707 ms	6467 ms
100	10000	120 ms	2622 ms	6349 ms

We observe that even though for small values the iteration and coin locks are faster, but as the values increase the first strategy is multiple times faster than both the others and the third becomes multiple times slower then the first 2.