

# Lab 2 Report

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## 1 Results

### 1.1 Time taken for Mean calculations

Number of threads	Time(ms)
1	2.742
2	2.747
4	3.809
8	3.819
16	4.069
32	5.152
64	5.34
128	6.151
256	9.152
512	13.127
1024	22.221
2048	42.229

Table 1: Time taken to find Mean

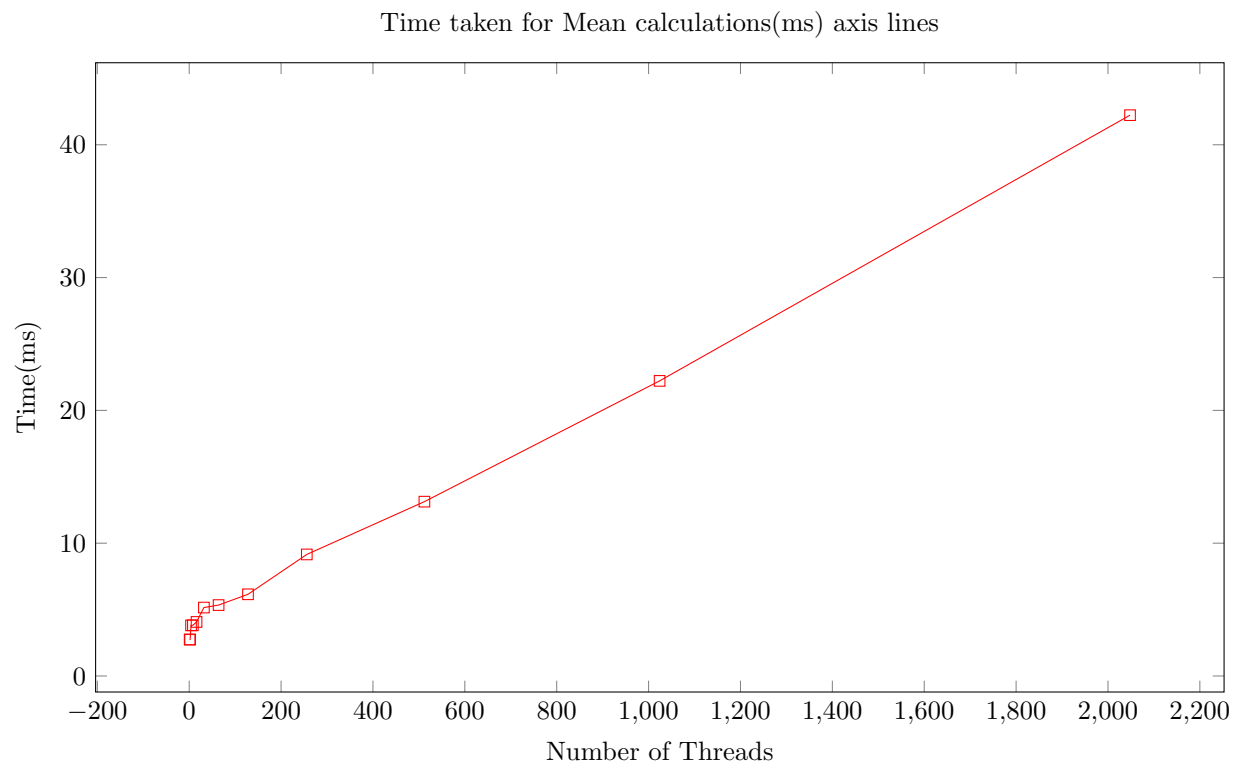


Figure 1: Scatter plot of results

## 1.2 Time taken for Median calculations

Number of threads	Time(ms)
1	200.055
2	210.683
4	258.087
8	289.732
16	303.855
32	335.455
64	404.053
128	565.813
256	995.430
512	1529.267
1024	2847.666
2048	5511.868

Table 2: Time taken to find Median

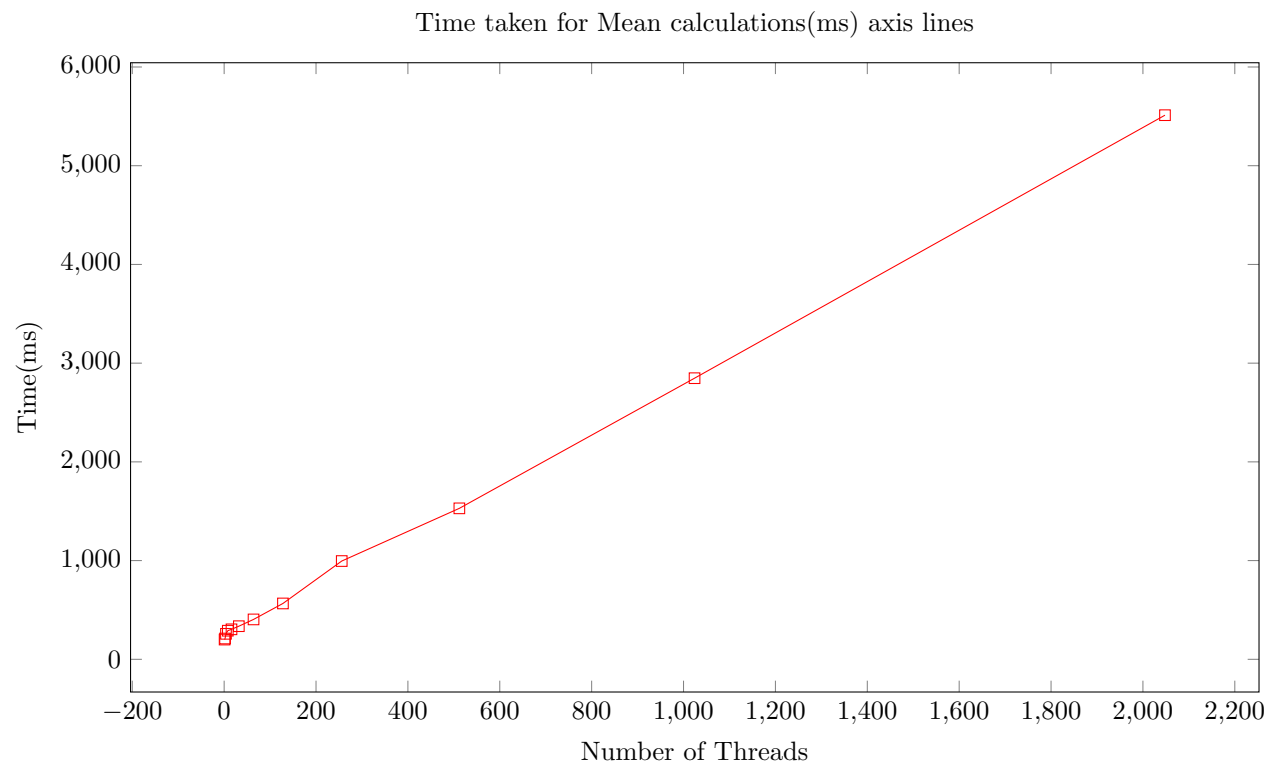


Figure 2: Scatter plot of results

## 2 Screenshots

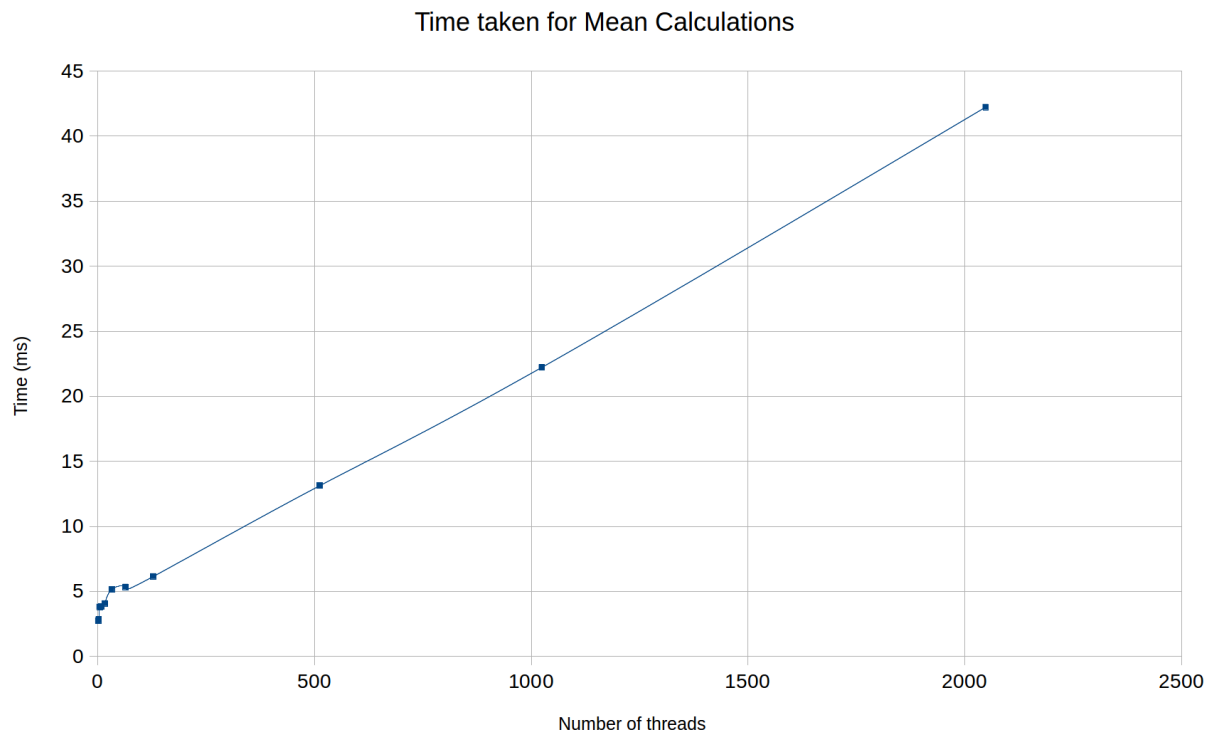


Figure 3: Screenshot of mean calculator in action