**Lab 1:**

Part 1:

Browser: Chrome 140.0.7339.80

CPU: Intel Core i5-1035G1 @ 1GHz

I7 – 1165G7 @ 2.8 GHz

Cache Itay: L1 320 KB, L2 2 MB, L3 6 MB

Cache Valeriya: L1 320 KB, L2 5 MB, L3 12 MB

RAM: 8 GB /16 GB

OS: Windows 10/11 Home

Ex.1.3B:

|  |  |
| --- | --- |
| Median Access Latency | Number of Cache Lines |
| 0 | 1 |
| 0 | 10 |
| 0 | 100 |
| 0.1 | 1000 |
| 0.5 | 10000 |
| 0.5 | 100000 |
| 4.4 | 1000000 |
| 15.4 | 10000000 |

Discussion:

As we can see, for js timer, we need to read at least 1000 lines