Laboratory 1

**Problem 1. Supermarket Inventory**

**Hardware platform:**

Intel(R) Core(TM) i5-10210U CPU @ 1.60GHz 2.11 GHz

8 GB DDR4

512 GB SSD

**Number of records:** 500

**Time Statistics:**

5 threads 🡺

50 threads 🡺

100 threads 🡺

**Mutex**

Mutex protects for each run the modification of the quantity of each product in order to avoid the deadlock.