Activity 1. Benchmarking

1. Processor and memory: AMD Ryzen 7 3750H 2.30 GHz and 16GB of RAM
2. Average integer and float operations: 92.3
3. Execution time: 159
4. Index of operations (aprox): 14675,7
5. Conclusions:
   1. Energy plan: There was no visible change between medium and high-performance plans. They were both however faster than the battery saving mode. As long as the measurements are all taking in the same plan, any is adequate. It’s important to mention that any program has different intended use and as such performance should be evaluated mainly in the intended use conditions.
   2. Multitasking while experimenting: It is not advisable to use the computer while testing the performance of a program unless it is intended to be used in tandem with other programs, as it will affect the measurements due to having to share the processor.
   3. Simultaneous sampling: It is also not advisable to do so. They are two programs running at the same time and as such they will share the resources, causing both to slow down.