**Benchmarking Code**

**Microsoft BenchmarkDotNet Library**

[**https://benchmarkdotnet.org/**](https://benchmarkdotnet.org/)

- A benchmark is a test that you run to measure how fast your code is

- Benchmarking is not profiling and is not about load testing and stress testing!

- We will look at a small method and small time units (ns: nano seconds)

- It all comes down to your **N**on **F**unctional **R**equirements (**NFR**s)

- Nuget: BenchmarkDotNet

**Note:** You should test (benchmark) in **Release mode**! Not in Debug model! And **Start** (**Run) without debugging (CTRL + F5 not just F5)**

- After running BenchmarkDotNet, We have a HTML file for displaying!

Sample:

- Get Year From Date Time String:

2023-11-12T20:12:13Z → 2023