Learning Objectives

1. To build a clear concept of Benchmark and Benchmarking.
2. To understand the importance of benchmarking.
3. To know how benchmarking is done.

Tools

- Own work machine or Virtual Machine (VM)
- Basic programming knowledge.
  - A basic Python programming knowledge is expected.
  - Along with some knowledge on basic python library packages for time tracking and plotting graph or charts.

Contents

The tutorial is divided into two parts.

1. In the first part, there would be a lecture session where the required theoretical details regarding the benchmark would be discussed.
2. In the final part, there would be some exercises where you would have a chance to get some practical workouts.

Besides, all the resources required for the tutorials would be provided in advance on the website: (`https://hps.vi4io.org/teaching/autumn_term_2026/hpcsa`).