

# Code execution and Parallelism Solutions

# Code execution and Parallelism

- Briefly explain what is meant by the following type of execution
- Sequential
  - An operation is performed in a single instruction
- Vectorized
  - Several operations are performed simultaneously in a single instruction
- Parallel
  - Several processor cores each perform an operation in a single instruction, simultaneously
- Parallel + Vectorized
  - Several processor cores each perform several operations simultaneously in a single instruction, simultaneously