LAB 04: CONCORRÊNCIA E PARALELISMO (11158)

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◇ We experimented with running the Monte Carlo simulation in parallel using OpenMP

◇ Assignment PDF:
https://github.com/MEI-CP/lab-assignments/

◇ Profiling of programmes.

  → Using tools such as perf, pprof, gprof

◇ Created textual or diagrammatic visualisations

  → Upload results to Piazza

◇ The Game of Life was created by John Conway in 1970

◇ The game is zero-player: its evolution is determined by its initial state

◇ It is **Turing Complete**: any algorithm can be computed using it

◇ Good resource:
https://en.wikipedia.org/wiki/Conway's_Game_of_Life

◇ We will use OpenMP to write a concurrent implementation of the Game of Life

◇ Assignment PDF:
  https://github.com/MEI-CP/lab-assignments/

◇ Remember: it is important to analyse performance of your solution
  ▷ There are **no** correct answers, only **well-reasoned** responses

◇ Try to understand why you get certain results

Next week, we will continue developing our understanding of OpenMP and performance monitoring

Remember: My office hours are 14:00-16:30 on Tuesdays (P2:17)

See you next week!