Parallelism Overview Solutions

Concurrency and parallelism

- Briefly explain the difference between concurrency and parallelism
  - Concurrency is when threads perform different tasks
  - Concurrency is mainly used when programs are structured for "separation of concerns" (to keep conceptually tasks distinct and improve responsiveness)
  - Parallelism is when threads perform the same task
  - Parallelism is mainly used for computationally intensive work which can be split into units which can be processed independently of each other