Multithreading

- Threading in python is used to run multiple threads (tasks, function calls) at the same time inside the same process
- **Thereding is not suitable for CPU intensive application**
- Python threads are best used in cases where the execution of a task involves some waiting (ex: I/O operations)
- Python uses the threading module to start multiple threads

Multiprocessing

- **Multiprocessing achieves true parallelism in Python**
- Low risk of data-corruption when using multiprocessing
- Each spawned process will have their own allocated memory
- Each process has it's owned GIL so there's no resource conflict or **race condition** here
- Python uses the multiprocessing module to achieve parallel programming