

# Atomic Types Exercises

# Atomics

- Write a task function that uses a for loop to increment a global variable 100,000
- Write a program that runs this task in concurrent threads and displays out the final value of the variable
- Increase the number of threads until you see signs of data corruption
- Make the variable atomic
  - Do you still get data corruption?
- Make the variable volatile
  - Do you still get data corruption?
- Briefly explain your results