

COMP1680 Week 7 Lab

- Familiarise yourself with the programs “test_for.c” and “test_for_nopriv.c”
- The program “test_for_nopriv.c” is not correct. Why is this?
- Explain the disagreements between the serial and the parallel calculation of the maximum value when using “test_for_nopriv.c”
- Familiarise yourself with the “primeNumber.c” code
- Modify the code to add timings in the locations indicated
- Try to speed up the code and get the same answer
 - Try different optimisation flags (-O, -O1 etc.)
 - Try different scheduling on the for loop (static, dynamic and guided) refer to the open MP lectures if you are unsure how to do this