

Tute 5: Optimisations

Review: Exceptions, Lambdas & Profiling

What is a lambda function?

What is profiling?

Programming Concepts: Lambdas & Profiling

How can a lambda function be passed to a function/method?

How can we time different parts of a program to determine what needs to be optimised?

Compilation: Optimisation

What is the difference between the compile flags O1/O2/O3?

What are loop unrolling and vectorisation?

Errors: None this week

Exercises:

Use a lambda function to sort a vector of ints in reverse sorted order.