An Introduction to HPC and Scientific Computing

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**Practical 3: Practical examples using the C programming language.**

This practical will review some of the example codes presented in the lecture “Introduction to the C programming language”. We will then use some of the material to build on these codes.

The learning outcomes of this practical are:

* To be familiar with basic C codes and be able to interpret them.
* To understand how variables are handled in a C code.
* To be familiar with operators and functions.
* To understand basic input and output.
* To have confidence to write your own basic C program.

All practicals for this course will be carried out on the Universities ARCUS-B computer. To understand how to use ARCUS-B see the ARCUS-B