Activity: Hello!

The purpose of this activity is for you to

- get started back in writing C or C++ code

- get familiar with running code on mamba

1 Hello on mamba (10 pts)

Question: Write a code that simply prints the name of the current machine. You can obtain that name using function `gethostname` (check man page for details). Write that code in file `hello.cpp`. You can test this works by compiling it with `make hello`.

Question: Run that code on a mamba compute node using `./queue_hello.sh` from the cluster head node. This will start a PBS job. Once this job has completed, a file `hello_answer` will be created containing the name of the compute node the command has run on. Make sure you turn that `hello_answer` file in.