**Gigasecond**

In Practice Mode

Introduction

Calculate the moment when someone has lived for 10^9 seconds.

A gigasecond is 10^9 (1,000,000,000) seconds.

Exercises without stub implementations

Like the majority of C programs you will write, this exercise comes without any header file (\*.h) or source file (\*.c).

Add the required files

You will need to create these yourself as part of the exercise. This is so that you get to practice deciding on and creating the program's interface yourself, which is an important part of programming in C. It does mean that when you first try to run the tests, they won't compile. They will give you an error similar to:

make: \*\*\* No rule to make target 'src/exercise\_name.c', needed by 'tests.out'. Stop.

This error occurs because the makefile attempts to use a file that hasn't been created yet (exercise\_name.c). To resolve this error you will need to add a matching file to the src directory. For example, for the error above you would add a file called exercise\_name.c.

When you try to run the tests again you will get a slightly different error.

make: \*\*\* No rule to make target 'src/exercise\_name.h', needed by 'tests.out'. Stop.

Again the makefile still needs another file that has yet to be created (exercise\_name.h). The solution to this error is similar to the last, add the matching file to the src directory. For example, for the above error you would add a file called exercise\_name.h