### - Exercises

In these exercises, we will explore constant expressions.

# we'll cover the following ^ Exercise 1 Exercise 2 Further information

## Exercise 1#

Use the structure, MyDouble, in our program. How can we check that instances of MyDouble will be created at compile-time?

```
#include <iostream>

struct MyDouble{
   double myVal;
   constexpr MyDouble(double v): myVal(v){}
   constexpr double getVal(){ return myVal; }
};

int main() {
   // your code goes here
}
```

## Exercise 2 #

What will happen if we instantiate MyDouble with a non-constant expression?

# Further information #

constexpr

In the next lesson, we will learn about the volatile keyword in C++.