- Exercises

In these exercises, we will explore constant expressions.

Exercise 1

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

```cpp
#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++.