- Exercise

Let's solve an exercise in this lesson.

Problem Statement

Polymorphism can be simulated in various ways. Implement the polymorphism with `if`, with `switch`, and with a dispatch table and compare the three implementations using static and dynamic polymorphism.

```cpp
#include <iostream>

// Write your code here
// After writing your code uncomment the lines in main

int main() {

  std::cout << std::endl;
/*
  writeMessage(MessageSeverity::information);
  writeMessage(MessageSeverity::warning);
  writeMessage(MessageSeverity::fatal);
*/
  std::cout << std::endl;

}
```

Let's look at different solutions for this exercise in the next lesson.