The throw() Exception Specifier Solutions

The No-throw Guarantee

- What is meant by the no-throw guarantee?
  - The no-throw guarantee means that an operation will not throw an exception
- Why is this useful?
  - When writing code that provides the basic or strong guarantees, it is helpful to know that a sub-operation will not throw
- To what extent does C++ provide this guarantee?
  - All built-in operators and functions provide the no-throw guarantee (except for a few operators which are designed to throw exceptions)
  - C++ allows us to provide this guarantee with our own code

The No-throw Guarantee

- In older versions of C++11, which keyword is used to promise that a function does not throw any exceptions?
    - throw() with an empty argument list