Managing a Thread Exercises

Thread management and exceptions

- The "Hello Thread" example has been altered below to throw an exception in the main() function

```cpp
int main() {
    try {
        std::thread t{ hello };
        throw std::exception();
        t.join();
    }
    catch (std::exception& e) {
        std::cout << "Exception caught\n";
    }
}
```

- Will this program work as expected? Explain your answer

Thread management and exceptions

- Rewrite the program so that it behaves correctly using
    - A suitable try/catch block
    - An RAII class which wraps the std::thread object
    - (If your compiler supports it) an std::jthread object