

Managing a Thread Exercises

Detaching a Thread

- Rewrite the "Hello, Thread!" program to call detach()

Exception in Parent Thread

- Will this program work as expected?
- Explain your answer

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

Thread management and exceptions

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