

Promises Exercises

Producer-Consumer

- Write a multi-threaded program which uses the producer-consumer model with `std::promise` and `std::future`

Exceptions

- Normally, an exception handler which rethrows an exception will use either a copy of the original exception, or a reference to it
- Why does this not work with `std::promise`?

Producer-Consumer with Exception

- Write a multi-threaded program which uses the producer-consumer model with `std::promise` and `std::future`
- The producer thread of this program throws an exception which is handled in the consumer thread
- Check that your program runs correctly