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Project 1 Documentation and Report

Producer-Consumer

Documentation:

This program fills a queue in the producer end and the consumer will consume it. Using semaphores we can control when it will progress and stop. The two programs run simultaneously. In order to run this, in your environment use the following commands

```
g++ producer.cpp -pthread -lrt -o producer
```

```
g++ consumer.cpp -pthread -lrt -o consumer
```

```
./producer & ./consumer &
```

Report:

This was a really difficult problem for me. Even now I'm not sure I still entirely understand how everything works but to have a basic understanding of what's happening has been an experience. I hope to be more confident on the next project.