

## Concurrency Exercise 2

In this lab you'll finish the implementation of a multithreaded order management application. It allows customers to order products from a catalog. Each customer should run as a separate thread, choosing items at random from the catalog. The orders will be kept in a centralized order queue.

An order dispatcher will run continuously in a separate thread, removing the next order from the order queue and dispatching it to the appropriate customer.

Much of the code is implemented already.

- For the first step, complete the first TODO in the Driver class, that requires you to create an order queue
- The remaining TODOs can be completed in any order. They are in the Driver, Catalogue, Customer, and OrderDispatcher classes.