

## Introduction to Multi-Agent-Programming

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### Exercise Sheet 3

**Due: November 30, 2010**

Look at the bookTrading example in the jade/src/examples/bookTrading sub-directories.

**Exercise 3.1** (Reasonable Buyer (1 pt))

Change the buyer, so that the book will be only bought if the seller offers it for a reasonable price. The price can be hardcoded as 42.

**Exercise 3.2** (Steal the highest price (2 pt))

Based on the bookTrading example, change the behaviour of the seller agent according to the written part of Exercise 5.2.

Document your code and add a boolean flag to enable this behaviour (otherwise the default should be used).

**Exercise 3.3** (Re-Steal the lowest price (2 pt))

Assume the seller is trying to "steal the highest price". Implement a buyer behaviour that maximally exploits this strategy according to written Exercise 5.3.

Document your behaviour and add a boolean flag to your code to enable this behaviour (otherwise the reasonable buyer should be used).