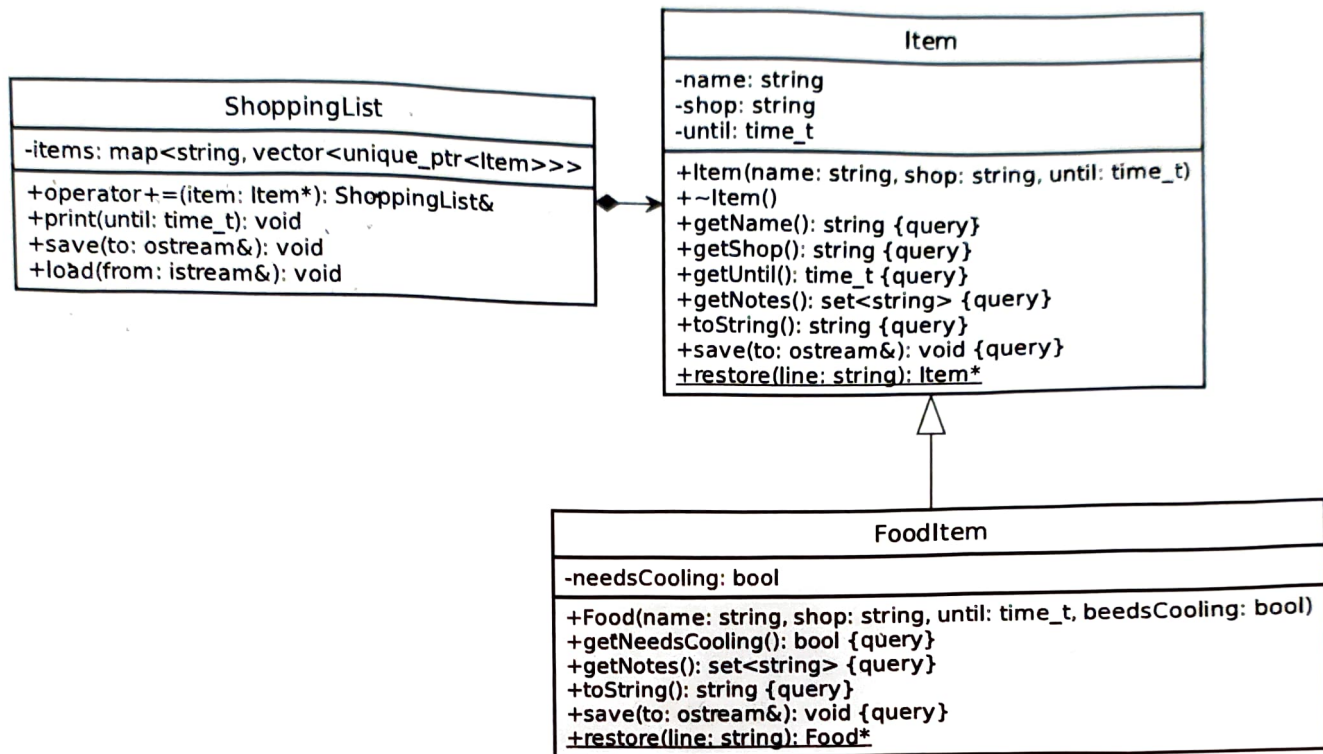


Topic of this exam is the modelling of a shopping list. Here's a complete class diagram (std prefix omitted for readability):



Reminder: pure virtual (abstract) methods are shown in italics, class methods (static) are underlined.

Note: the diagram has been created "manually" and may have errors. When in doubt, the definition in the code given below takes precedence.

Given is an incomplete Implementation of the shopping list. There are eight methods (marked in red) that you have to implement.