**Exercise UML and Databases**

Suppose that you want to implement a system. This system allows storing information about clients, orders and products. A client has a name, address and code. Each client may have several orders. Each order will include just one product. Each order has a date, code and product quantity. A code, name and dimension characterize each product.

1. Draw the Class Diagram corresponding to this text
2. Suppose now that each order may include several products. Draw the new Class Diagram.
3. Map the first UML diagram to relational schema