Spring Core Assignments

1. Write a program to find out total price of all orders. Every order is associated with one item which is holding item name & item price. Note that your main program is not aware of how many orders you have configured into beans.xml & what are their ids.

2. Override different life cycle related callback methods & also add life cycle related attributes into xml & observe the sequence of invoking bean life cycle methods.

3. Write a beans xml to hold data of chat application static data. Chat application has different chat rooms, every chat room has several users & users send messages which are shown within that chat room only. Write a Java class that prints every chatroom along with its users along with list of messages in pretty format.

4. Write 2 beans EmployeeBean & DepartmentBean. Autowire them using following methods:
   a. autowire byName
   b. autowire byType
   c. autowire by constructor
   d. @Autowired annotation
   e. @Qualifier annotation