Coding Exercise 9:

1. Imagine an accounting routine used in a book shop. It works on a list with sublists, which look like this:

|  |  |  |  |
| --- | --- | --- | --- |
| Order Number | Book Title and Author | Quantity | Price per Item |
| 34587 | Learning Python, Mark Lutz | 4 | 40.95 |
| 98762 | Programming Python, Mark Lutz | 5 | 56.80 |
| 77226 | Head First Python, Paul Barry | 3 | 32.95 |
| 88112 | Einführung in Python3, Bernd Klein | 3 | 24.99 |

1. Write a Python program, which returns a list with 2-tuples. Each tuple consists of a the order number and the product of the price per items and the quantity. The product should be increased by 10,- € if the value of the order is smaller than 100,00 €.   
   Write a Python program using lambda and map.
2. The same bookshop, but this time we work on a different list. The sublists of our lists look like this:   
   [ordernumber, (article number, quantity, price per unit), ... (article number, quantity, price per unit) ]   
   Write a program which returns a list of two tuples with (order number, total amount of order).