stock management

- data model
  - product(<u>prodnr</u>, prod_description)
  - stock (<u>stocknr</u>, location, capacity)
  - delivery(<u>stocknr</u>, <u>serial_nr</u>, *prodnr*, delivery_date, number)

- stored procedure loading (i_prodnr product.prodnr%type,
                                    i_delivery_date delivery.delivery.date%type,
                                    i_number integer)
  - the numbers shall be assigned to the stocks, in a way that the capacity of the stock will not be exceeded.
  - if all stocks are filled, send an error message.
  - output: messages of loaded stockes(stocknr) and the numbers; in case of error an empty table

- stored procedure unloading (i_prodnr product.prodnr%type, i_number integer)
  - the numbers of products in the stocks will be reduced or the row has to be deleted
    note: for convenience, there is no logging
  - take care, that the older products(date of delivery) are unloaded first
  - if there are too few pieces nothing will be unloaded, send an error message
  - output: messages of loaded stockes(stocknr) and the numbers; in case of error an empty table.