

1)  $\sigma_{quantity > 0}$  (books)

2)  $\sigma_{end\_status = status} \left( \pi_{order\_id} (orders, status\_codes) \right)$   
&  $end\_status < > 1$   $end\_status$

3)  $\sigma$  (

4)  $\sigma$  (supplier)

5)  $\sigma$  (orders  
date = ?

6)  $\sigma$  (books)  
global-discount  $\geq 0$

7)  $\sigma$  (books)  
title = ?

8)  $\sigma$  (suppliers)  
supplier-id  $\in \left( \pi_{supplier\_id} (supplier (booksuppliers)) \right)$   
book-id = ?

9)  $\sum(quantity)$  as copies  $\pi$

15)  $\sigma$  (order-id)  
order-id  $\in \pi_{order\_id} (orders)$   
customer = ?  
&  $end\_status = 1$   
& date  $\geq$  ?