SHIP\_ORDER procedure

Order number

Check if shipdate null

Already shipped if not

Otherwise check if al books on hand

Error if not

If all books available

Update quantity and shipdate

Insert\_reorder procedure

Pretty straightforward

RECEIVE\_REORDER procedure

Reorder

Reorder# 1

Reorder\_date 3/27/18

Reorder\_ISBN 123K

Reorder\_quantity 10

Reorder\_received (null)

Check if null

If not error

If pending update on-hand and received date(sysdate)

When quantity gets to zero reorder

Books\_quantity\_trg trigger

Calls reorder procedure

Do at row level not statement level

Update or insert fire trigger (not delete)

Trigger on :new.quantity-on-hand column when = zero

Insert, update :new.ISBN

Insert update

~~:old~~ :old

:new :new