Pseudocode for Inventory Management

**Define** #orders = 0

**Define** #lots\_ordered = 0

**Define** day\_count

**Define** inventory = [0] \* 360

**Set** inventory[0] = Initial inventory

For (i in [0, 360)):

If (i != 0):

inventory[i] = inventory[i-1] – demand[i-1] + inventory[i]

if day\_count != 0:

day\_count—

continue

else:

**Define** LT\_demand = []

For (j in [i, I + LT)):

LT\_demand.append(demand[i])

roq = ROQ(LT\_demand, sku\_row)

if roq >= inventory[i]:

#order++

Inventory[i+LT] += EOQ

#lots\_ordered += EOQ

day\_count = LT