Edit Product & Alert Trigger Sequence

User	InventoryUI	Product	InventoryManager	StockAlertStrategy

User changes quantity via "Edit Product" dialog

1 editProduct()

2 setQuantity(newQty)

State changes, notify observers

3 notifyObservers(this)

loop [for each observer]

4 update(product)

1. Refresh visual table

5 refreshTable()

2. Check for alerts

6 evaluateStock(product)

7 evaluate(product)

8 "Low Stock Warning" (or null)

9 Optional<String> alert

alt [Alert is present]

1 0 Show JOptionPane Warning

1 1 updateDetailsPanel()