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StoreManager

- inventory: Inventory = new Inventory()

+ checkStock(product: Product): int
+ processOrder(cartProduct: int[][]): double

1..1

1..1

Inventory

- products: ArrayList<Product> = new ArrayList<>()
- stocks: ArrayList<Integer>= new ArrayList<>()

+ Inventory()
- init(): void
+ getQuantity(id: int): int
+ addStock(product: Product, quantity: Integer): void
+ removeStock(id: int, quantity: Integer): void
+ getProduct(id: int): Product

0..1

0..*

Product

- name: String
- id: int
- price: double

+ Product(name: String, id: int, price: double)
+ getName(): String
+ getId(): int
+ getPrice(): double

--Use-->