## Product

- -name:String
- -quantity:int
- -cost:double
- -sellingPrice:double
- +Product()
- + Product(String name, int quantity,cost)
- +getName():String
- +setName(String):void
- +setCost(double):void
- +getPrice():double
- +setQuantity(int):void
- +getQuantity():int
- +getSellingPrice():double
- +calcSellingPrice(double markUp):double

## Inventory

- -products:ArrayList<Product>
- +Inventory()
- +Inventory(ArrayList<Product> products)
- + getProducts():ArrayList<Product>
- +setProducts(ArrayList<Product> products):void
- +totalCostPrice():double
- +totalSellingPrice():double
- +profit():double