Component

```
-id: int
-name: String
-quantity: int
+getName(): String
+getId(): int
+setName(Name:String): void
-generateId(): int
+equals(obj:Object): boolean
+toString(): String
+setId(id:int): void
```

Supplier

```
-id: int
```

-name: String

```
+getName(): String
```

+getId(): int

+setName(name:String): void

+setId(id:int): void

-generateId(): int

+equals(obj:Object): boolean

+toString(): String

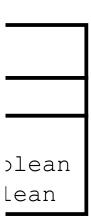
ComponentList

-components: ArrayList<component>

+getComponent(id:int): Component

+addComponent(component:Component): boc

+removeComponent(componentId:int): bool



OrderList

-orders: ArrayList<Order>

SupplierList

```
-suppliers: ArrayList<Supplier>
```

```
+getSupplier(supplierId:int): Sup
```

- +addSupplier(supplier:Supplier):
- +removeSupplier(supplierId:int):

plier boolean boolean

```
-orderId: int
-supplierId: int
-componentId:
              int
-quantity: int
-fullfilled: boolea
+getOrderId(): int
+getComponentId():
+getSupplierId(): i
+setOrderId(orderId
+setComponentId(com
+setSupplierId(supp
-generateOrderId():
+equals(obj:Object)
+toString(): String
+getFullfillment():
+setFullfillment(fu
```

Order

n

```
int
nt
:int): void
ponentId:int): void
lierId:int): void
int
: boolean
llfilled:boolean): void
```