|  |
| --- |
| Bin |
| - stockID: String  - stockLevel;: int  - stockMax: int  - stockMin: int  - auto: boolean |
| +Bin(initStockID:String, initStockLevel:int , initStockMin:int, StockMax: int, initState :boolean)  + getStockID() : String  + getStockLevel() : int  + getStockMax(): int  + getStockMin(): int  + getState(): boolean  + StockIn(quantity: int): int  + toString():String |

|  |
| --- |
| Warehouse |
| - size: int  - noOfBins : int  - bins[size]: Bin |
| + addBin(addID:String,addLevel: int , addMin:int , addMax: int , addAuto: boolean)  + replenish (a : int) : void |