Product

- name: String
- upc: String
- itemId: String
- department: String
- aisle: int
- shelf: int
- row: int
- store: Store

+ isValidName: boolean
+ isValidUpc: boolean
+ isValidId: boolean
+ toString: string

Store

- products: ArrayList<Product>
- departments: List<String>
- aisles: int
- shelves: int
- rows: int

+ getProducts: ArrayList<Product>
+ getProductsFrom(int aisle): ArrayList<Product>
+ getProductsFrom(String department) ArrayList<Product>
+ addItem: void