

Bakery
+ main(args : String []) : static void;

BakeryService
- products: Product [];
+ BakeryService();
+ specificProduct(className) : void ;
+ search(productName : String) : void;
+ search(price : int, filter : PriceFilter) : void;
+ search(quantity : int) : void;

enum Taste
SWEET
SALTY

enum Size
SMALL
MEDIUM
LARGE

enum :PriceFilter
LOWER
EQUAL
HIGHER

Product
- name : String;
- quantity : int;
- price : int;
+ Product();
+ Product(name : String, quantity : int, price : int);
+ toString() : String;
+ equals(Object o) : boolean;
+ hashCode() : int;

BakedProduct
- flourType: String;
+ BakedProduct();
+ BakedProduct(name : String, quantity : int, price : int, flourType : String);
+ toString() : String;
+ equals(Object o) : boolean;
+ hashCode() : int;

Sandwich
- breadType: String;
- meatType: String;
+ Sandwich(name : String, quantity : int, price : int, breadType : String, meatType : String);
+ toString() : String;

Beverage
- size : Size;
+ BakeryService(name : String, quantity : int, price : int, size : Size);
+ toString() : String;

Pastry
- filling: String;
- taste: Taste;
+ Pastry(name : String, quantity : int, price : int, flourType : String, filling : String, taste : Taste);
+ toString() : String;

Bread
- isSliced : boolean;
- hasSeeds : boolean;
+ Bread(name : String, quantity : int, price : int, flourType : String, isSliced : boolean, hasSeeds : boolean);
+ toString() : String;

Coffee
- coffeeBeans : String;
- hasSugar : boolean;
- hasMilk : boolean;
+ Coffee(name : String, quantity : int, price : int, size : Size, coffeeBeans : String, hasSugar : boolean, hasMilk : boolean);
+ toString() : String;

Fresh
- fruit : String;
- hasIce : boolean;
+ Fresh(name : String, quantity : int, price : int, size : Size, fruit : String, hasIce : boolean);
+ toString() : String;