```
-----------------------------------------------------------
|                 Main                                    |
-----------------------------------------------------------
| + main(args: String[]): void                           |
| - provideChangeInDenominations(change: double): void   |
-----------------------------------------------------------


--------------------------------------------------------------------
|              Item                                                |
--------------------------------------------------------------------
| - private productId: int                                         |
| - private name: String                                           |
| - private category: ProductCategory                              |
| - private price: double                                          |
| - private nutritionalFacts: String                               |
| + Public Item(productId: int, name: String, price: double,       |
|       category: ProductCategory, nutritionalFacts: String)       |
| + getProductId(): int                                            |
| + getName(): String                                              |
| + getCategory(): ProductCategory                                 |
| + getPrice(): double                                             |
| + getNutritionalFacts(): String                                  |
--------------------------------------------------------------------


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|      ProductCategory            |
-----------------------------------
| Public Enum                     |
|       values:                   |
| - SNACKS                        |
| - BEVERAGES                     |
| - CANDY                         |
| - CHIPS                         |
| - COOKIES                       |
| - POPCORN                       |
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-------------------------------------------------
|            Inventory                          |
-------------------------------------------------
| Public Class                                  |
|- items: Item[][][]  (6x6x6 array)             |
| + Inventory()                                 |
| + getItems(): Item[][][]                      |
| + getItemById(productId: int): Item           |
-------------------------------------------------
```