Vending Machine
-products: String[][][]

+ VendingMachine(rows: int, cols: int, depth: int)
+ addProduct(row: int, col: int, depth: int, productName: String): void
+ getProduct(row: int, col: int, depth: int): String
+ display(): void
+ getProductInfo(productName: String): ProductInfo

ProductInfo
- price: double
- calories: int
- sugar: double
- description: String
+ ProductInfo(price: double, calories: int, sugar: double, description: String)
+ ProductInfo(double, int, double, ProductCategory)
+ getPrice(): double
+ setPrice(double): void
+ getCalories(): int
+ setCalories(int): void
+ getSugar(): double
+ setSugar(double): void
+ getProductCategory(): ProductCategory
+setProductCategory(ProductCategory): void |

ProductCategory
SNACKS,
BEVERAGES,
CANDY,
HEALTHY_SNACKS

Payment:
-Totalamount: double

Cash
-Customermoney: double
-Change: double