

Class  
Data Members,  
Properties,  
Attributes.

Class  
Method Members

VendingMachine	Inventory	ItemType (Enum)
<ul style="list-style-type: none"><li>- inventory: Inventory</li><li>- totalAmount: double</li></ul>	<ul style="list-style-type: none"><li>- items: ItemType[][]</li><li>- prices: double[][]</li><li>- quantities: int[][]</li></ul>	
<ul style="list-style-type: none"><li>+ VendingMachine()</li><li>+ displayMenu(): void</li><li>+ selectItem(int, int): void</li><li>+ acceptPayment(double, double): boolean</li><li>+ getChange(double, double): double</li><li>+ getTotalAmount(): double</li></ul>	<ul style="list-style-type: none"><li>+ Inventory()</li><li>+ getItemType(int, int): ItemType</li><li>+ getItemPrice(int, int): double</li><li>+ isItemAvailable(int, int): boolean</li><li>+ dispenseItem(int, int): void</li></ul>	<ul style="list-style-type: none"><li>+ SODA</li><li>+ CHIPS</li><li>+ CANDY</li><li>+ EMPTY</li><li>+ WATER</li><li>+ COOKIE</li><li>+ SANDWICH</li></ul>