

## VendingMachine

-name:int  
-location:String  
-total: double  
-tax: double  
-totalEarnings:double  
-vendingMachineItems: int[]  
-itemsSold:int[]  
-usersCart:int[]  
-boughtItems:int[]

+VendingMachine(int)  
+VendingMachine(int, String)  
+toString(): String  
+equals(VendingMachine): boolean  
+setName(int)  
+setLocation(String)  
+reset(int, int, int, int)  
+addItem(int, int, int, int)  
+displayMenu()  
+buyItem()  
+buyItem(int, int): boolean  
+returned(int, int)  
+payment():boolean  
+displayReceipt()  
+status()