<<Abstract>> Item

```
# id : int
# price : double
# name : string
# description : string
```
```
+ getId() const : int
+ getPrice() : double
+ setPrice(double)
+ getName() : string
+ setName(string)
+ getDescription() : string
+ setDescription(string)
+ printItem()
```

<<Enumeration>> EdType

```
Breakfast
Italian
Meat
Dessert
```

<<Enumeration>> BevType

```
SoftDrink
HotDrink
Wine
Liqour
```

Edible

```
+ getType() : EdType
+ setType(EdType)
```

Beverage

```
+ getType() : BevType
+ setType(BevType)
```

Extends

Special

```
+ printItem()
```

Bill

```
- itemList : Item[0...*]
- total : double
- orderNum : int
- orderNum : int
```
```
+ getTotal() : double
+ addItem(Item)
+ printItemList()
```

Table

```
- tableID : int
- idCount : int
- diners : int
- waiter : string
```
```
+ printBill()
+ cashOut()
+ printTable()
+ addToBill(Item)
+ getTableID() : int
+ getWaiter() : string
```

Restaurant

```
- menu : Item[6...*]
- sales : Item[0...*]
- waiters : string[1...*]
```
```
 - initMenu()
+ printMenu()
+ printTables()
+ printSales()
+ addTable(int diners)
+ removeTable()
+ order(Item)
+ editSpecial(Special)
+ editEdible(Edible)
+ editBeverage(Beverage)
```

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