

## SINGLE RESPONSIBILITY















































































































































































































































































































































































```
class Order
   public function calculateTotalSum(){/*...*/}
   public function getItems(){/*...*/}
   public function getItemCount(){/*...*/}
   public function addItem($item){/*...*/}
   public function deleteItem($item){/*...*/}
   public function printOrder(){/*...*/}
   public function showOrder(){/*...*/}
   public function load(){/*...*/}
   public function save(){/*...*/}
   public function update(){/*...*/}
   public function delete(){/*...*/}
```

```
class Order
   public function calculateTotalSum(){/*...*/}
   public function getItems(){/*...*/}
   public function getItemCount(){/*...*/}
   public function addItem($item){/*...*/}
   public function deleteItem($item){/*...*/}
```

```
class OrderRepository
   public function load($orderID){/*...*/}
   public function save($order){/*...*/}
   public function update($order){/*...*/}
   public function delete($order){/*...*/}
```

```
class OrderViewer
   public function printOrder($order){/*...*/}
   public function showOrder($order){/*...*/}
```

## SINGLE RESPONSIBILITY

Принцип единственной ответственности гласит – «На каждый объект должна быть возложена одна единственная обязанность». Т.е. другими словами – конкретный класс должен решать конкретную задачу – ни больше, ни меньше.

```
class Order
{
   public function calculateTotalSum(){/*...*/}
   public function getItems(){/*...*/}
   public function getItemCount(){/*...*/}
   public function addItem($item){/*...*/}
   public function deleteItem($item){/*...*/}
}
class OrderRepository
{
   public function load($orderID){/*...*/}
   public function save($order){/*...*/}
   public function update($order){/*...*/}
   public function delete($order){/*...*/}
}
```

```
class OrderViewer
{
    public function printOrder($order){/*...*/}
    public function showOrder($order){/*...*/}
}
```

## OPEN - CLOSED

```
class OrderViewer

{
    public function printOrder($order){/*...*/}
    public function showOrder($order){/*...*/}
}
```