```
var customer= {Id:"", couponStatus:"default", payable:0, ...};
    var coupon= {Id:"", expired:false...}
    var availItems= {{name:"", price:0, count:0},...}
    var selItem= {name:"", price:0, quantity:0};
    $document.ready(function() {
     availItems=getItemsFromServer(url);
     coupon= getCouponFromServer(url + customer.Id);
9
     $(".merchandise").click(addToCart);
     $("#shopCart").click(viewCart);
    });
12
13
    function addToCart() {
     var coupElem= $("#couponButt");
15
     selItem= getItemInfo($(this));-
.16
      for(var i=0; i<availItems.length; i++){</pre>
      if(availItems[i].name == selItem.name) <</pre>
18
       availItems[i].count -= selItem.quantity;

▲
19
20
21
     var price= selItem.price * selItem.quantity;
      if(!coupon.expired){
      coupElem.removeClass(customer.couponStatus);
       customer.couponStatus= coupon.Id + '-' + 'used';
24
       price -= coupElem.data('value');
 26
       coupElem.addClass(customer.couponStatus);
27
      coupon.expired=true;
28
29
      customer.payable += price;
30
 31
    function viewCart(){
 33
      if($("#couponButt").attr("class") == 'default' && customer.payable==0)
35
      showMsg('Shopping cart is empty');
36
     else
۱37
      $("div.shopContainer").append("" + "Total purchase is: $" +
       customer.payable +"");
38
                                    (a)
```