```
var customer= {Id:"", couponStatus:"default", payable:0, ...};
1
2
    var coupon= {Id:"", expired:false...}
3
    var availItems= {{name:"", price:0, count:0},...}
    var selItem= {name:"", price:0, quantity:0};
4
5
6
    $document.ready(function() {
7
      availItems=getItemsFromServer(url);
8
     coupon= getCouponFromServer(url + customer.Id);
9
     $(".merchandise").click(addToCart);
10
     $("#shopCart").click(viewCart);
11
12
    });
13
    function addToCart() {
14
15
     var coupElem= $("#couponButt");
16
      selItem= getItemInfo($(this));
17
     for(var i=0; i<availItems.length; i++){</pre>
18
      if(availItems[i].name == selItem.name) <</pre>
19
        availItems[i].count -= selItem.quantity;
20
      }
21
      var price= selItem.price * selItem.quantity;
22
      if(!coupon.expired){
23
      coupElem.removeClass(customer.couponStatus);
24
      customer.couponStatus= coupon.Id + '-' + 'used';
25
      price -= coupElem.data('value');
26
      coupElem.addClass(customer.couponStatus);
27
      coupon.expired=true;
28
29
     customer.payable += price;
30
    }
31
32
    function viewCart(){
33
      if($("#couponButt").attr("class") == 'default' && customer.payable==0)
34
35
      showMsg('Shopping cart is empty');
36
      $("div.shopContainer").append("" + "Total purchase is: $" +
\37
      customer.payable +"");
38
                                    (a)
 1
    @Test
 2
    public void testCase1(){
 3
     Select quantity = new Select(driver.findElement(By.
     id("quantityDropDown")));
4
     quantity.selectByIndex(1);
 5
     WebElement item = driver.findElements(By.css("merchandise"));
 6
     item.click();
 7
     WebElement cart = driver.findElements(By.id("shopCart"));
8
     cart.click();
9
     String expectedMsg = "Total purchase is: $70";
 10
     String msg=driver.findElements(By.cssSelector
     ("div.shopContainer")).getText();
11
     assertEquals(msg, expectedMsg);
 12 }
                                    (b)
```