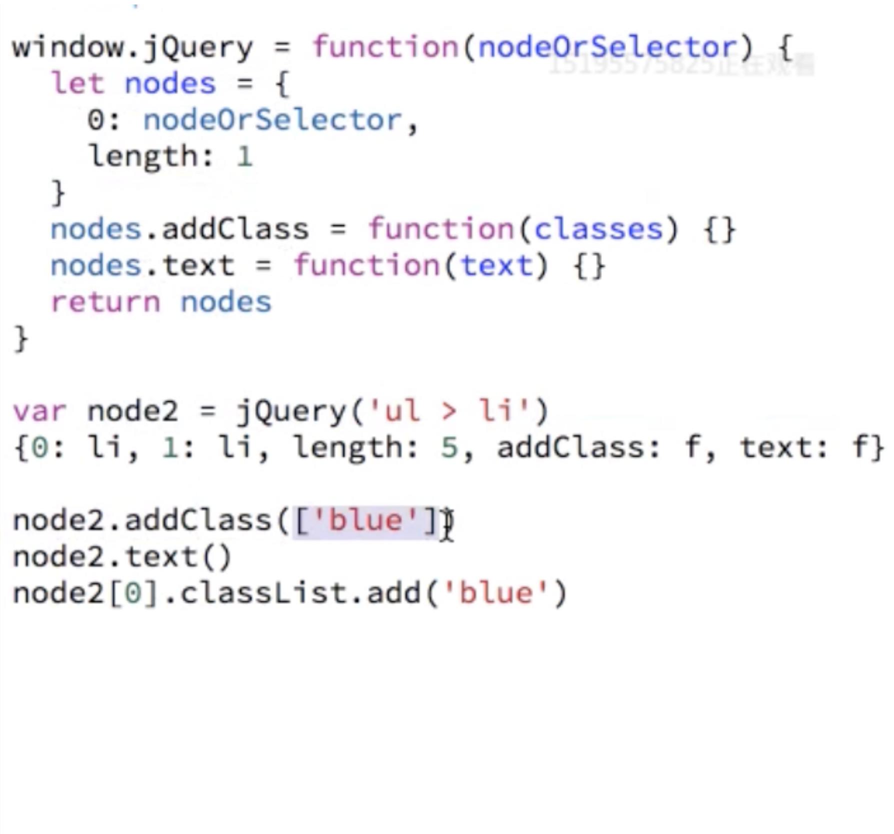
jQuery复习



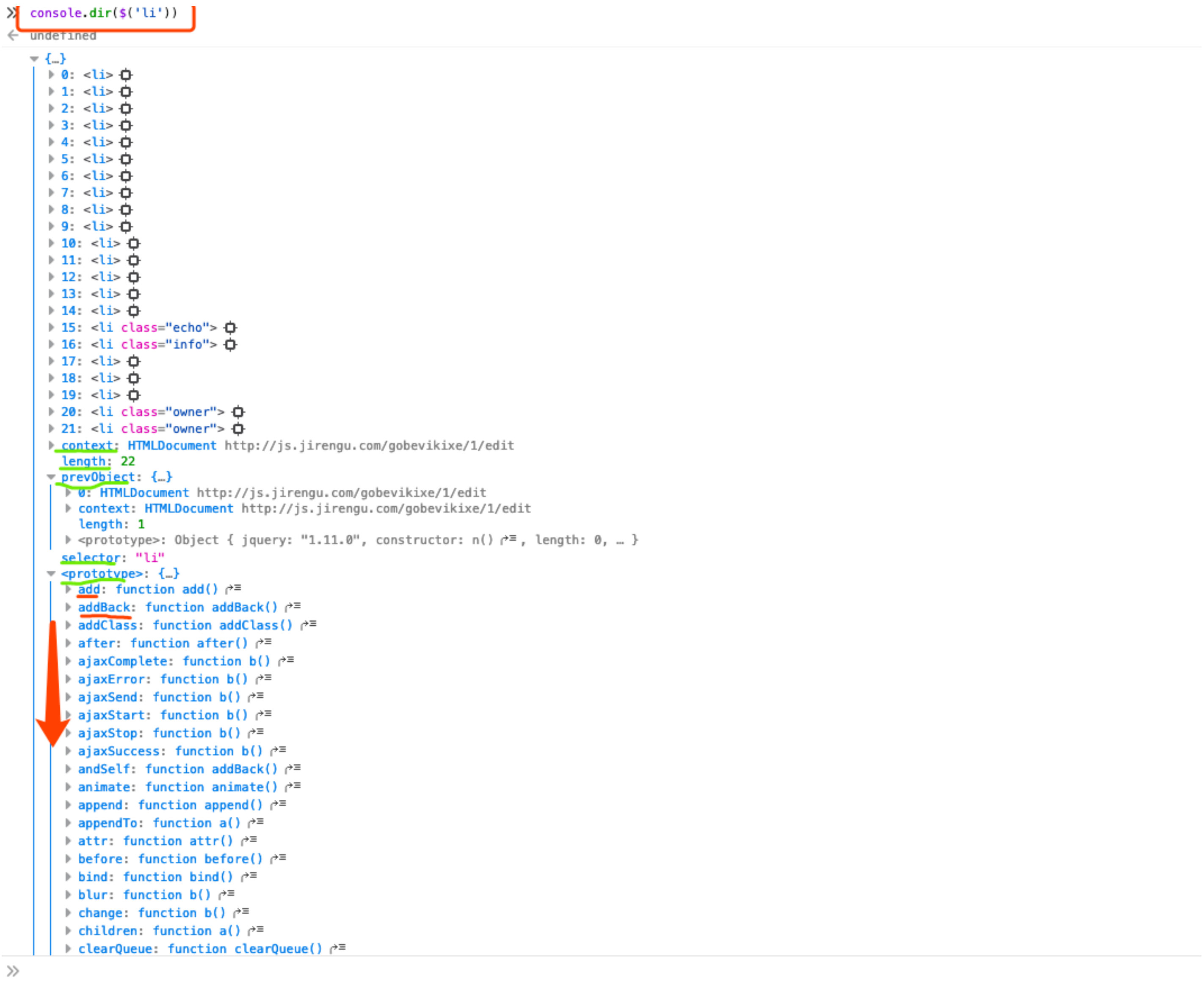
```
window.jQuery = function(nodeOrSelector) {
  let nodes = {
    0: nodeOrSelector,
    length: 1
  }
  nodes.addClass = function(classes) {}
  nodes.text = function(text) {}
  return nodes
}

var node2 = jQuery('ul > li')
{0: li, 1: li, length: 5, addClass: f, text: f}

node2.addClass(['blue'])
node2.text()
node2[0].classList.add('blue')
```

jQuery其实就是(构造)函数(类似java以及c++里面的类);

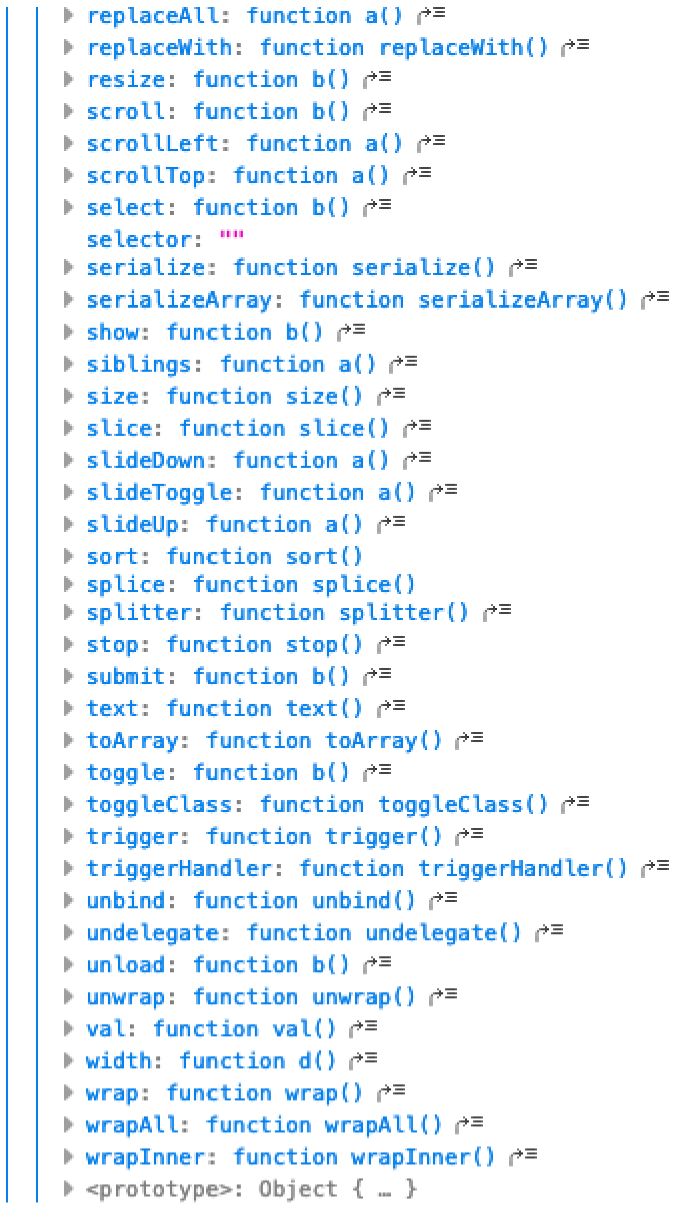
几个作业题

```
<ul>
    <li></li>
    <li></li>
</ul>
```

请写出 $('li')$的结构。参考答案('li') 是一个对象，它的 key 有 length，它的原型（共享属性）为 jQuery.prototype，jQuery.prototype 的 key 有 addClass、removeClass、text、html 和 on 等
`$('li')` 是一个对象，它自身的key有context,length,prevObject,selector,proto
它的proto指向的是Object(0).prototype;
Object(0).prototype的key有add,addBack,addClass,after,ajaxComplete等， 同jQuery官网的API文档。
另外Object(0).prototype 最后有一个proto属性，它的指向 不是Object.prototype，是浏览器拿来骗人的。



```
» console.dir($('li'))
← undefined
▼ {…}
  ▶ 0: <li>
  ▶ 1: <li>
  ▶ 2: <li>
  ▶ 3: <li>
  ▶ 4: <li>
  ▶ 5: <li>
  ▶ 6: <li>
  ▶ 7: <li>
  ▶ 8: <li>
  ▶ 9: <li>
  ▶ 10: <li>
  ▶ 11: <li>
  ▶ 12: <li>
  ▶ 13: <li>
  ▶ 14: <li>
  ▶ 15: <li class="echo">
  ▶ 16: <li class="info">
  ▶ 17: <li>
  ▶ 18: <li>
  ▶ 19: <li>
  ▶ 20: <li class="owner">
  ▶ 21: <li class="owner">
  ▶ context: HTMLDocument http://js.jirengu.com/gobevikixe/1/edit
    length: 22
  ▼ prevObject: {…}
    ▶ 0: HTMLDocument http://js.jirengu.com/gobevikixe/1/edit
    ▶ context: HTMLDocument http://js.jirengu.com/gobevikixe/1/edit
      length: 1
    ▶ <prototype>: Object { jquery: "1.11.0", constructor: n(), length: 0, … }
    selector: "li"
  ▼ <prototype>: {…}
    ▶ add: function add()
    ▶ addBack: function addBack()
    ▶ addClass: function addClass()
    ▶ after: function after()
    ▶ ajaxComplete: function b()
    ▶ ajaxError: function b()
    ▶ ajaxSend: function b()
    ▶ ajaxStart: function b()
    ▶ ajaxStop: function b()
    ▶ ajaxSuccess: function b()
    ▶ andSelf: function addBack()
    ▶ animate: function animate()
    ▶ append: function append()
    ▶ appendTo: function a()
    ▶ attr: function attr()
    ▶ before: function before()
    ▶ bind: function bind()
    ▶ blur: function b()
    ▶ change: function b()
    ▶ children: function a()
    ▶ clearQueue: function clearQueue()
»
```



```
▶ replaceAll: function a()
▶ replaceWith: function replaceWith()
▶ resize: function b()
▶ scroll: function b()
▶ scrollLeft: function a()
▶ scrollTop: function a()
▶ select: function b()
  selector: ""
▶ serialize: function serialize()
▶ serializeArray: function serializeArray()
▶ show: function b()
▶ siblings: function a()
▶ size: function size()
▶ slice: function slice()
▶ slideDown: function a()
▶ slideToggle: function a()
▶ slideUp: function a()
▶ sort: function sort()
▶ splice: function splice()
▶ splitter: function splitter()
▶ stop: function stop()
▶ submit: function b()
▶ text: function text()
▶ toArray: function toArray()
▶ toggle: function b()
▶ toggleClass: function toggleClass()
▶ trigger: function trigger()
▶ triggerHandler: function triggerHandler()
▶ unbind: function unbind()
▶ undelegate: function undelegate()
▶ unload: function b()
▶ unwrap: function unwrap()
▶ val: function val()
▶ width: function d()
▶ wrap: function wrap()
▶ wrapAll: function wrapAll()
▶ wrapInner: function wrapInner()
▶ <prototype>: Object { … }
```

div 和 $div 的联系是：

(div)可以将div封装成一个$jQuery$对象，就跟div 一样

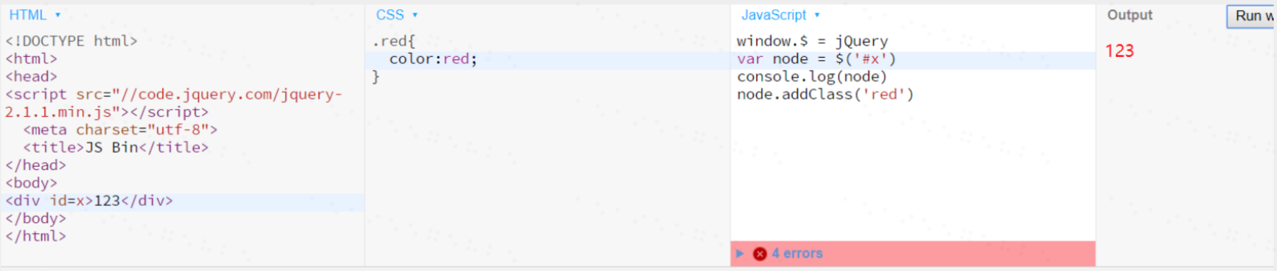
$div[0] === div$，div 的第一项就是 div

div 和 div的区别是：div的属性和方法有$childNodes firstChidnodeType$等div 的 属性和方法有

addClass removeClass toggleClass 等

div 和 $div的联系是:

使用jQuery()函数（$就是jQuery的简写）就可以把div变成$div的方法:



```
<!DOCTYPE html>
<html>
<head>
<script src="//code.jquery.com/jquery-2.1.1.min.js"></script>
  <meta charset="utf-8">
  <title>JS Bin</title>
</head>
<body>
<div id=x>123</div>
</body>
</html>
```

```
.red{
  color:red;
}
```

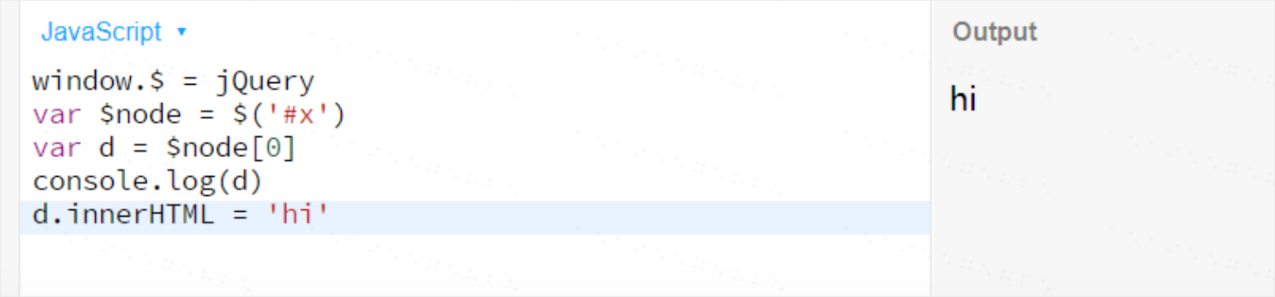
```
window.$ = jQuery
var node = $('#x')
console.log(node)
node.addClass('red')
```

▶ ⊗ 4 errors

```
123
```

image.png

$div变成div的方法:

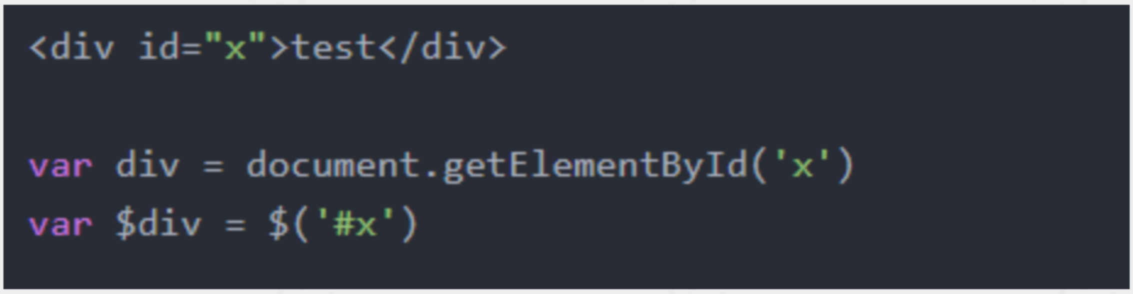


```
window.$ = jQuery
var $node = $('#x')
var d = $node[0]
console.log(d)
d.innerHTML = 'hi'
```

```
hi
```

image.png

下图两个是等价的



```
<div id="x">test</div>


var div = document.getElementById('x')
var $div = $('#x')
```