

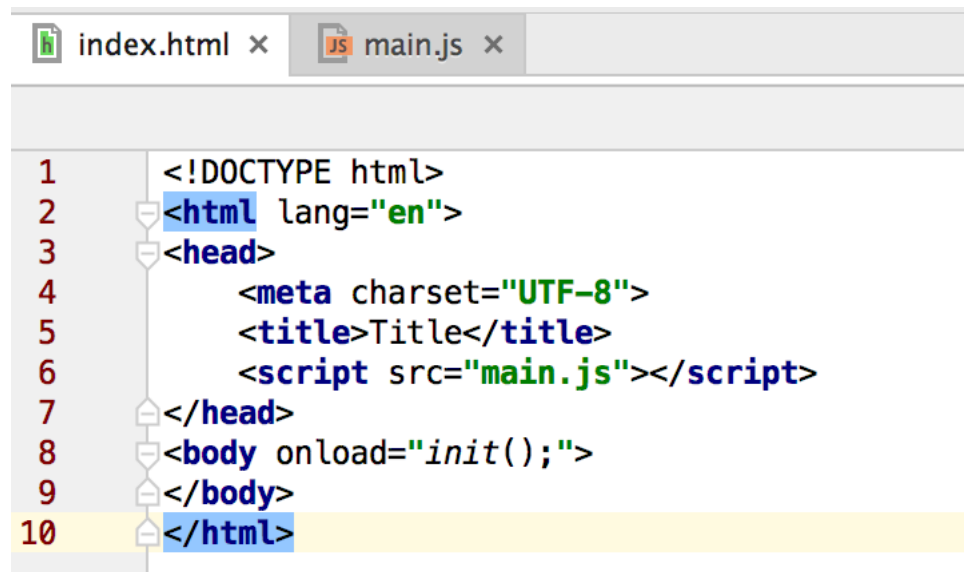
JavaScript教学记录

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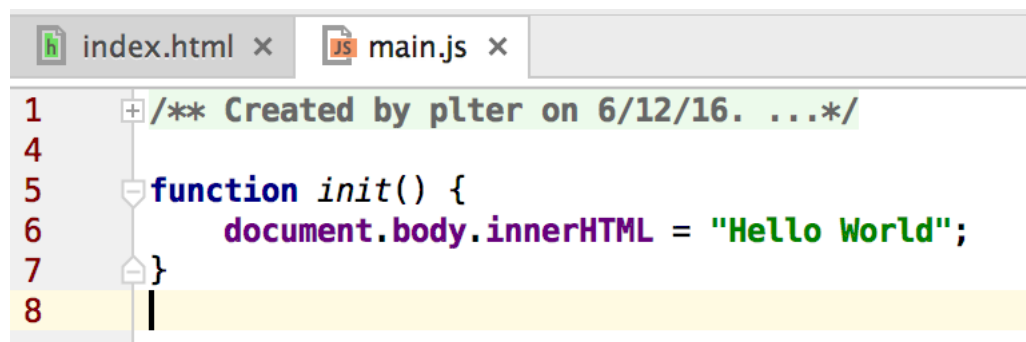
BODY标记里最后一行

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Title</title>
</head>
<body>
  <script src="main.js"></script>
</body>
</html>
```

写在head标记里面，通过 body.onload事件执行



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Title</title>
6   <script src="main.js"></script>
7 </head>
8 <body onload="init();">
9 </body>
10 </html>
```

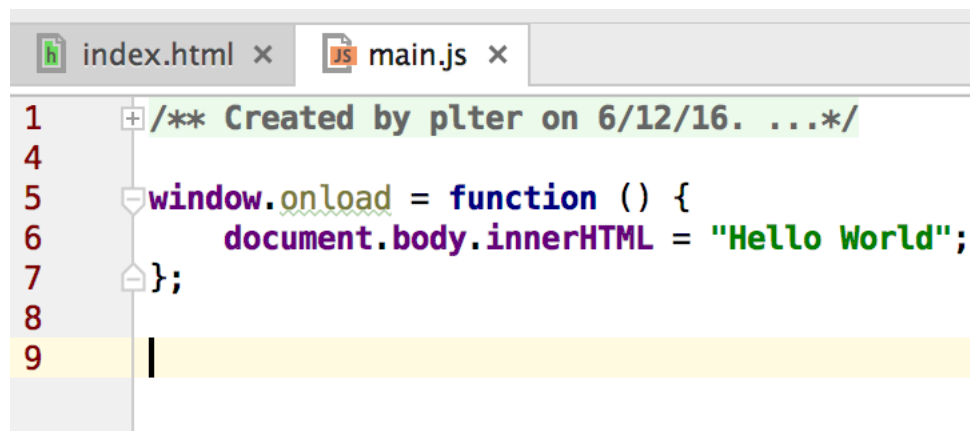


```
1  /** Created by plter on 6/12/16. ...*/
4
5  function init() {
6      document.body.innerHTML = "Hello World";
7  }
8
```

写在head标记里面，通过 window.onload事件执行



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Title</title>
6   <script src="main.js"></script>
7 </head>
8 <body>
9 </body>
10 </html>
```



```
1 /** Created by plter on 6/12/16. ...*/
4
5 window.onload = function () {
6   document.body.innerHTML = "Hello World";
7 };
8
9
```

变量与常量

- 定义变量示例 `var a = 10`
- 定义常量示例 `var MATH_PI = 3.14`

说明：JavaScript(ES5)原生不支持常量定义，这里的常量是指编码规范

相关名词：

ES - ECMAScript

常用运算符

- 四则 + - * /
- ++ --(i++指先返回值，再自加。++i，先自加，再返回值)
- += -= *= /=
- == 测试等
- = 赋值等
- % 求余

for循环

```
for (var i = 0; i < 100; i++) {  
    console.log(i);  
}
```

while循环

```
var i = 0;  
while (i < 100) {  
    console.log(i);  
    i++;  
}
```


do ... while 循环

```
var i = 0;  
do {  
    console.log(i);  
    i++;  
} while (i < 100);
```

中断循环

- `break` 跳出循环
- `continue` 跳出当前循环

流程控制

- if ... else
- switch ... case

函数

- 定义函数
- 传入参数
- arguments 关键字

课后作业

- 九九乘法表

字符串

- 任何值与字符串相加结果都是字符串
- 字符串连接(+ +=)
- 截取字符串(substr strstr)
- 搜索字符串(indexOf lastIndexOf(从后往前搜索))
- 获取字符(charAt)
- 获取字符编码(charCodeAt)
- 字符编码转成字符(String.fromCharCode)
- 替换字符串(replace)


作业

- 实现printf函数，效果如下

```
#include <stdio.h>

int main(int argc, const char * argv[]) {

    printf("Hello %s,%d\n","World",100);
    |
    return 0;
}
```



A terminal window with a light gray background. The top bar contains a dropdown menu icon and a blue arrow icon. The output text is as follows:

```
Hello World,100
Program ended with exit code: 0
```