**Part1 关于网络编程**

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#### 1. javascript!

* **Editor(编译器) and comment（注释）**
* **What can we use JavaScript for?**

make websites respond to user interaction（是用户和网页沟通的桥梁）

build apps and games (*e.g.* blackjack)

access information on the Internet (*e.g.* find out the top trending words on Twitter by topic)

organize and present data (*e.g.* automate spreadsheet work; data visualization)

* **interactive javascript**

1.javascript也是用“;”结束

2.关于confirm函数：确认，弹出对话框~

3.关于prompt函数：弹出输入框，在引号中输入的是问题的提示；

4.关于数据类型：Number, string, Boolean

* **Make the computer think**

1.console.log()--printing out.

2.comparison: 等于是“===”

3. if statement or conditional statement.与c中的条件语句一样~

4.关于alert 函数：弹出警告的对话框~

* **Playing with strings and numbers**

1. Modulo“% ”---return the remainder of that division.

2. “xxx”.substring(x,y)-🡪x:是开始的一位(从0开始的！)y:是结束的后一位

* **Variables**

1.关于数据类型，声明的VAR类型的数据可以是数、字符串和布尔类型~声明方法同int~

2. We store data values in variables

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#### 2. web fundamentals!（HTML&CSS）

* **HTML Fundamentals**

1.Every web page on the Internet is secretly written in HyperText Markup Language

Your browser reads HTML for you and just shows you the pretty version.

HyperText means it's a type of text that supports (hyper)links between pages.

Markup means we have taken a document and marked it up with code to tell something.

HTML, combined with CSS and JavaScript, make beautiful, interactive web pages..

2.新建**网页**的方式<html>….</html>

The set of <html> and </html> tags tell the browser where the HTML starts and stops.

HTML documents contain two important parts(tags)

head - contains information about the document that is not displayed on the screen

body - contains everything else that is displayed as part of the web page.

3.新建**段落**的方式<p></p>（称之为opening and closing）

一定要注意：把开始和结束的tag同时写好，再往里面加东西！注意写的格式~

4. **<title>**放在head里面~放在的是menubar里面，改变的是网页的标题~

5.类似一级**标题**<h1>--</h1>,类似的还有<h2><h3>

**6.Hyperlinks**的tag 是<a></a>；在tag之外，还需要attributes, eg:href(超文本引用)~

例：<a href="http://codecademy.com">Click here to go to Codecademy</a>

如果想给打开的网页加title，就在href后加空格写title=”…”

如果想打开的是一个新网页，就在opening tag 里写target="\_blank"

**7.images的** tag是<img>;attribute是scr(source)=”…”

改变图像大小（还可以通过css改）在scr后加width=”100”,etc.注意：不要加逗号

no separate closing tag, 应该在后面加“空格+/”

**8. Clickable Image**

例：<a href=””><img src=”” width=”” /></a>