<b> content </b> : bold

<em> content </em> : italia

<a href=”www.google.com”> HTML </a> : new link under the text HTML

<img src=”<http://www.baidu.com/img.png>” alt=”no load”> : add the image in the given webpage, if we don’t have the access to the image, we then to show the alt. it is a void tag since it don’t have </> to the end the content.

<br>: break, to start a new line. It is a void tag

<span>:content</span>: inline

<p>content</p> : start a new paragraph

<div>:content</div>:block

**URLS:**

http://localhost:8000/toys?p=foo#blank

**host:** localhost

**protocol:** http

**fragment:** #blank

**query:** ?p=foo

**port:** 8000(default is 80)

**HTTP: Hyper Text Transfer Protocol : how the browser talk to server**

for example: <http://www.example.com/foo>

**1: http request:**

**Request line**: GET /foo HTTP/1.1

**GET:**method **/foo:** path(notice the fragment is not in the path)  **HTTP/1.1:** version

**Headers:** Host: [www.example.com](http://www.example.com) User-Agent: Chrome v.17

2: **http response:**

**Status line:** HTTP/1.1 200 ok

200:status code

other status code: 302 Found, 404 not found, 500 error

**Headers:**

Date: tue mar 2012 04:33 gmt

Server: Apache/2.2.3 (usually not provided)

Content-Type: text/html

Content-Length:1539

See in terminal : telnet [www.udacity.com](http://www.udacity.com)

Then test the request lines.

**Servers:**

Static: pre written files, like image,

Dynamic: made on the fly **–web applications**

**HTML Forms:**

<form>

<input name=”name”>

</form>

name 是一个attribute,在浏览器显示一个box 可以输入数据，而且我们输入数据更新后，attribute name 和变量值将会显示在URL里面

<input type=”submit”>: 将会设置一个button,当我们按下这个button 时，才会更新输入数据

<input type='password' name="var"> 此时输入数据是看不见的

<input type='checkbox' name="var">

<input type='radio' name="var">

<input type='checkbox' name="var" value='one'> 将var变量变为one如果checkbox 被点

加上label的checkbox:

<label>

one

<input type='checkbox' name="var" value='one'>

</label>

drop box: 可以有多个选择的box

<select name='q'>

<option value=’1’>one</option>

<option value=’2’>two</option>

<option value=’3’>three</option>

</select>

<form **action**=”http://www.google.com/search”>

<input name=”p”>

</form>

按下按钮后将会自动转到action后面的URL

<form **method**=’post’ action=”/testform”>

method post 时候，变量不会在url 里

|  |  |
| --- | --- |
| GET | Post |
| Parameter in URL | Parameter in request body |
| Used for fetching documents | Used for updating data |
| Maximum URL length | No max length |
| Ok to cache | Not ok cache |
| Shouldn’t change server | Ok to change server |