{muslimHackathon}

HTML5

...

The Most Utilized 25%

Okay, What is it?

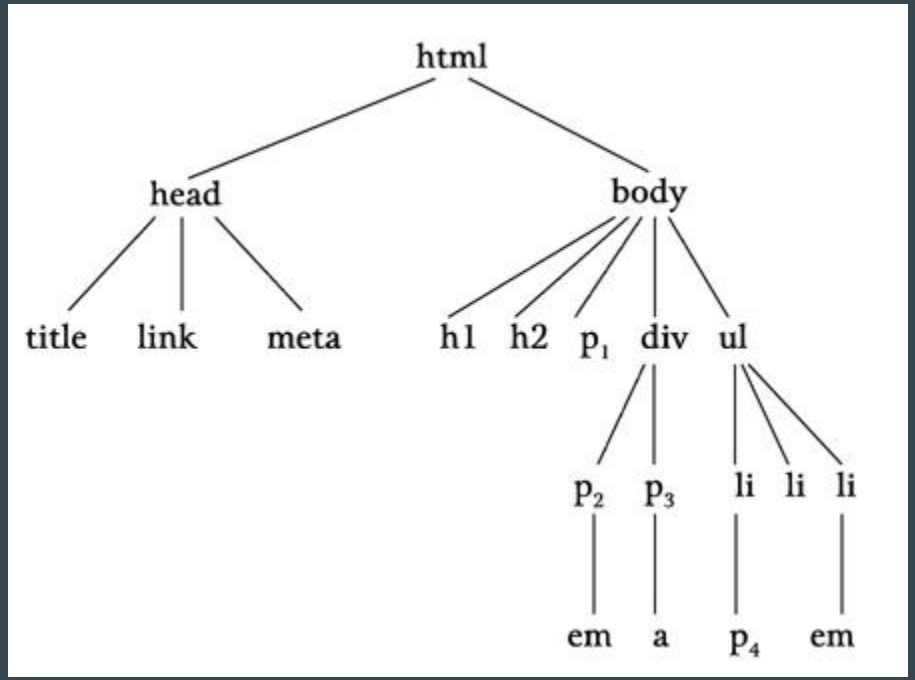
HTML is a “Mark-Up” Language

Write HTML in any Text Editor

Tags Describe the Content They Enclose

- Tags Are Not Displayed
- Opening and Closing Tags
- Tag Hierarchy

Okay, What is it?



In the Body, There is a Mudghah...

<p>

<h1>

<a>

<ul>/<ol>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>Assalamu Alaykum</body>
</html>
```

In the Body, There is a...

Paragraph

<h1>

<a>

<ul>/<ol>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>
    <p>The Prophet Muhammad (peace be upon him) said:
    God, His angels and all those in Heavens and on
    Earth, even ants in their hills and fish in the
    water, call down blessings on those who instruct
    others in beneficial knowledge. Al-Tirmidhi, Hadith
    422.</p>
  </body>
</html>
```

In the Body, There is a... <h*>

<p>

<h1>Header</h1>

<a>

<ul>/<ol>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>
    <h1>Al-Baqarah</h1>
    <h3>Bismillah</h3>
    <p>Alif, Laam, Meem.</p>
  </body>
</html>
```

In the Body, There is a... <a>

<p>

<h1>

<a>Link</a>

<ul>/<ol>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>
    <p>Check out this site if you would like to learn
    more <a href="http://sunnah.com">the sunnah</a>.
  </body>
</html>
```

In the Body, There is a... <ol>

<p>

<h1>

<a>

<ol>...</ol>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>
    <h2>Hajj Checklist</h2>
    <ol>
        <li>Taqwa</li>
        <li>Passport</li>
        <li>Money</li>
        <li>Food</li>
        <li>GPS Enabled Cell Phone</li>
    </ol>
  </body>
</html>
```

In the Body, There is a... <ul>

<p>

<h1>

<a>

<ul>...</ul>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>
    <h2>Foods I Like</h2>
    <ul>
        <li>Sushi</li>
        <li>Thai Curry</li>
        <li>Chicken Korma</li>
        <li>Kabouli Pilau</li>
        <li>Kanaafah</li>
    </ul>
  </body>
</html>
```

In the Body, There is a... <img>

<p>

<h1>

<a>

<ul>/<ol>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>
    <p>My favorite place:</p>
    <img src='http://apatira.com/kabah.jpg' />
  </body>
</html>
```

In the Body, There is a... <table>

<p>

<h1>

<a>

<ul>/<ol>

<img>

<table>

... More

```
<!doctype html>
<html>
  <head></head>
  <body>

    <table>
      <thead>
        <tr>
          <th>Item</th>
          <th>Cost</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Quran</td>
          <td>Free</td>
        </tr>
        <tr>
          <td>Textbook</td>
          <td>$300</td>
        </tr>
      </tbody>
    </table>

  </body>
</html>
```

In the Body, There is a... <form>

<p>

<h1>

<a>

<ul>/<ol>

<img>

<table>

. . . More

```
<label>
  Name: <input type='text' name='your_name' />
</label>
<label>
  Your Website: <input type='website' name='your_website' />
</label>
<label>
  Phone 3: <input type='phone' name='your_phone' />
</label>
<label>
  Email: <input type='email' name='email' />
</label>
<label>
  Password: <input type='password' name='password' />
</label>
```

NOTE: Put all your form code inside <form> ... </form> tags!

In the Body, There is a... <form>

<p>

<h1>

<a>

<ul>/<ol>

<img>

<table>

. . . More

```
<p>Which day of the workshop are we on?<p>
<label>
  <input type='checkbox' name='conference' value='1' /> Day 1
</label>
<label>
  <input type='checkbox' name='conference' value='2' /> Day 2
</label>

<p>How are you enjoying the workshop?</p>
<label>
  <input type='radio' name='enjoy' value='A Lot' /> A Lot!
</label>
<label>
  <input type='radio' name='enjoy' value='So-So' /> So So...
</label>
<label>
  <input type='radio' name='enjoy' value='Astagfirullah' /> Astagfirullah
</label>
```

In the Body, There is a... <form>

<p>

<h1>

<a>

<ul>/<ol>

<img>

<table>

. . . More

```
<p>Please select your gender:</p>
<select name='participant'>
  <option>Sister</option>
  <option>Brother</option>
</select>

<p>Any suggestions?</p>
<textarea name='comments'></textarea>
<input type='hidden' name='masjid' value='iacc' />
<input type='submit' value='Send!' />
```

Cleanliness is Half of Coding

- All tags should be in lowercase
- Close tags, unless otherwise stated!
- Periodically validate your code! http://validator.w3.org/check
- Indent tags by hierarchy

```
<!doctype html>
<html>
  <head></head>
  <body>
    <h1>AsSalaamu</h1>
    <h3>alaykum</h3>

    <p>The Prophet Muhammad (peace be upon him) said:
    God, His angels and all those in Heavens and on
    Earth, even ants in their hills and fish in the
    water, call down blessings on those who instruct
    others in beneficial knowledge. <i>Al-Tirmidhi,
    Hadith 422</i></p>

  </body>
</html>
```

Divisions and Spans

<**div**>Distinct content blocks here</**div**>

Used to divide up your HTML page into blocks

<**span**>Smaller content blocks here</**span**>

Used to indicate inline portions of a document, e.g. words within a sentence

Both used for **grouping** portions of your document

EAST PLANO ISLAMIC CENTER

HOME | ABOUT | UMRAH | COMMITTEES | SERVICES | LEARNING | ONLINE | DONATE/PAY | EPIC TV

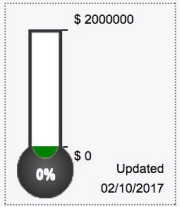
- Learning Programs
  - AWS Training Registration Form
  - SAP HANA Training Registration Form
- EPIC Videos
- Ask Imam
- Learn About Islam
- E-Mail Signup
- Donate
- Directions
- Sunday School Portal

Prayer | Directions | News

	Adhan	Iqamah
Fajr	5:35	6:00
Sunrise	6:42	---
Dhuhr	12:38	2:00
Asr	4:00	4:45
Maghrib	6:33	6:38
Isha	7:41	8:00
Jumuah	1:00	
Jumuah2	2:15	

MASJID EXPANSION COMMUNITY CENTER

Invest in an EPIC future!



Please click here to donate securely.

More Videos

EPIC MASJID EVENT CALENDAR

Saturday, March 11	
7:00am	After Fajr Tafseer By
10:00am	Medical Clinic from 1
11:00am	Quran Class for You
12:00pm	Sisters Halaqa (Arat
Sunday, March 12	
7:00am	Sunday Morning Boo
Monday, March 13	
7:00am	Fajr Khaaterah by U

Events shown in time zone: Central Time

Google Calendar

Click here for monthly event detail

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Jumuah	1:00	
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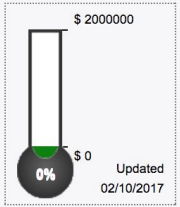

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Monday, March 13	
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Events shown in time zone: Central Time

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Divisions

's can be nested too!

Any tag can have an **id** or **class** attribute.

id attributes are used once per document

class attributes are used repeatedly

```
<!doctype html>
<html>
  <head></head>
  <body>
    <div id='wrapper'>
      <div id='header'>
      </div>
      <div id='content'>
      </div>
      <div id='footer'>
      </div>
    </div>
  </body>
</html>
```

IDs and Classes

Later on, once we introduce CSS, we will learn how to select and style elements by their ids and their classes.

```
<!doctype html>
<html>
  <head></head>
  <body>
    <div id='content'>
      <p class='red'>Some content here.</p>
      <p class='green'>Some content here.</p>
      <p class='red'>Some content here.</p>
      <p class='green'>Some content here.</p>
    </div>
  </body>
</html>
```

CSS

CSS code should be saved in a separate file, identified to your HTML page with a special tag that belongs as a child in <head> like this:

<link rel='stylesheet' href='.....' />

Check out these selectors:

- http://code.tutsplus.com/tutorials/the-30-css-selectors-you-must-memorize--net-16048
- http://www.w3schools.com/cssref/css_selectors.asp

~fin