



BIRZEIT UNIVERSITY

Computer Science Department

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Comp334 – WEB APPLICATION AND TECHNOLOGY

HomeWork#1

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Represent and clarify each of the following:

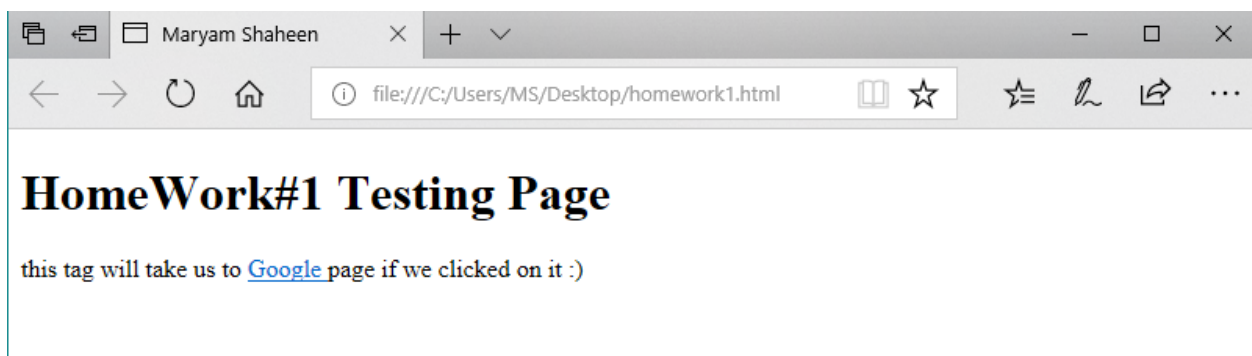
<a> it's a tag that defines a hyperlink, which is used to link from one page to another. The most important attribute of the **<a>** element is the **href** attribute, which indicates the link's destination.

Example:

Code:

```
homework1.html x
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title> Maryam Shaheen </title>
5
6  <h1> HomeWork#1 Testing Page</h1>
7  </head>
8
9  <body>
10 <p> this <text> <a> </text> tag will take us to <a href=https://www.google.com> Google </a> page if we clicked on it :) </p>
11
12 </body>
13
14 </html>
15
```

How it Look Like:



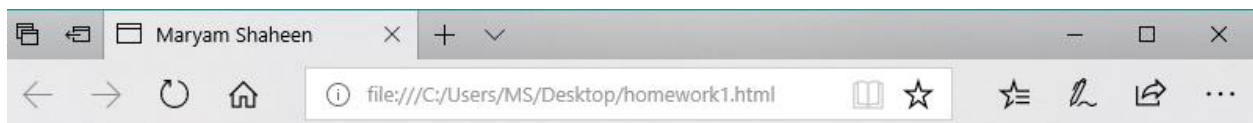
`` this is a text formatting tag that makes it **Bold text**

Example:

Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Maryam Shaheen </title>
5
6 <h1> HomeWork#1 Testing Page</h1>
7 </head>
8
9 <body>
10 <p> this is a <b> Bold Text </b> </p>
11
12 </body>
13
14 </html>
```

How it looks like:



HomeWork#1 Testing Page

this is a **Bold Text**

**
** this tag inserts a single line break.

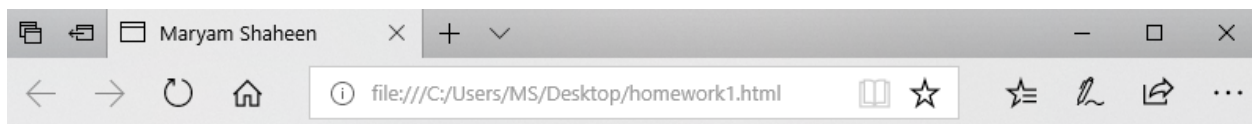
And the **
** tag is an empty tag which means that it has no end tag.

Example:

Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Maryam Shaheen </title>
5
6 <h1> HomeWork#1 Testing Page</h1>
7 </head>
8
9 <body>
10 <p> this is a <br> Break <br> to another line </p>
11
12 </body>
13
14 </html>
```

How it looks like:



HomeWork#1 Testing Page

this is a
Break
to another line

<cite> this tag defines the title of a work (e.g. a book, a song, a movie, a TV show, a painting, a sculpture, etc.).

Example:

Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Maryam Shaheen </title>
5
6 <h1> HomeWork#1 Testing Page</h1>
7 <style>
8   cite {
9     font-style: italic;
10  }
11 </style>
12 </head>
13
14 <body>
15 <p> <cite> Angels & Demons </cite> by Dan Brown. was released in 2000. </p>
16
17 </body>
18
19 </html>
20
```

How it looks like:



HomeWork#1 Testing Page

Angels & Demons by Dan Brown. was released in 2000.

<code> this tag is a phrase tag. It defines a piece of computer code.

Example:

Code:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title> Maryam Shaheen </title>
5
6  <h1> HomeWork#1 Testing Page</h1>
7  <style>
8  code {
9      font-family: monospace;
10 }
11 </style>
12 </head>
13
14 <body>
15 <p> <code> A piece of computer code </code>
16 </p>
17
18 </body>
19
20 </html>
21
```

How it looks like:



HomeWork#1 Testing Page

A piece of computer code

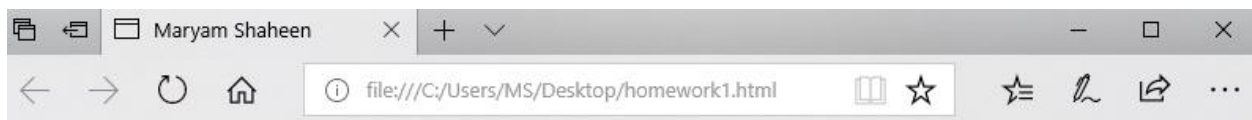
**** this tag is a phrase tag. It renders as emphasized text.

Example:

Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Maryam Shaheen </title>
5
6 <h1> HomeWork#1 Testing Page</h1>
7 <style>
8   em {
9     font-style: italic;
10  }
11 </style>
12 </head>
13
14 <body>
15 <p> <em>Some emphasized text</em> </p>
16
17 </body>
18
19 </html>
20
```

How it looks like:



HomeWork#1 Testing Page

Some emphasized text

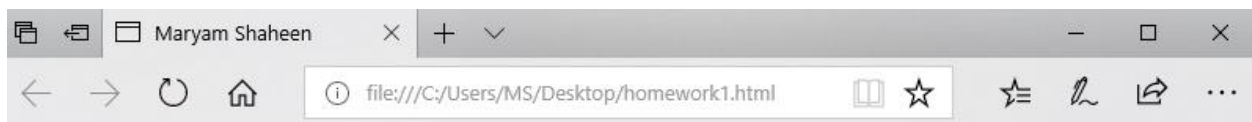
<mark> this tag defines marked text.

Example:

Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Maryam Shaheen </title>
5
6 <h1> HomeWork#1 Testing Page</h1>
7 <style>
8   mark {
9     background-color: yellow;
10    color: black;
11  }
12 </style>
13 </head>
14
15 <body>
16 <p> <mark>Highlighted text!!</mark> </p>
17
18 </body>
19
20 </html>
21
```

How it looks like:



HomeWork#1 Testing Page

Highlighted text!!

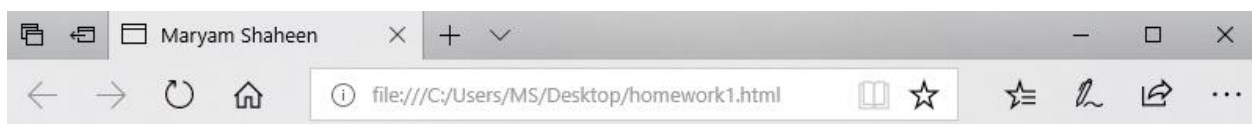
<small> this tag defines smaller text (and other side comments).

Example:

Code:

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title> Maryam Shaheen </title>
5
6  <h1> HomeWork#1 Testing Page</h1>
7  <style>
8  small {
9      font-size: smaller;
10 }
11 </style>
12 </head>
13
14 <body>
15 <p> <small>Some smaller text</small> </p>
16
17 </body>
18
19 </html>
20
```

How it looks like:



HomeWork#1 Testing Page

Some smaller text

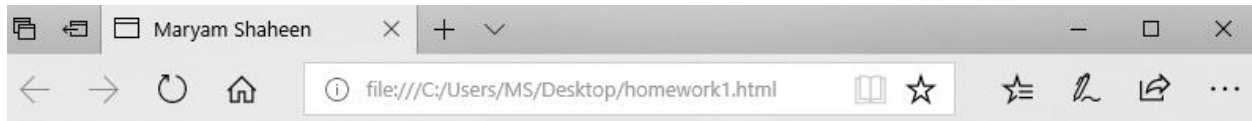
**** this tag is used to group inline-elements in a document, And provides no visual change by itself, Also provides a way to add a hook to a part of a text or a part of a document.

Example:

Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Maryam Shaheen </title>
5
6 <h1> HomeWork#1 Testing Page</h1>
7 </head>
8
9 <body>
10 <p>My Laptop is <span style="color:gray;font-weight:bold">Gray</span> and my iphone is <span style="color:pink;font-weight:bold">Pink</span> !.</p>
11
12 </body>
13
14 </html>
```

How it looks like:



HomeWork#1 Testing Page

My Laptop is **Gray** and my iphone is **Pink** !.

**** this tag is a phrase tag. It defines important text.

Example:

Code:

```
homework 1.html x
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title> Maryam Shaheen </title>
5
6  <h1> HomeWork#1 Testing Page</h1>
7  </head>
8
9  <body>
10 <p><strong>This is a Strong text</strong></p>
11
12 </body>
13
14 </html>
15
```

How it looks like:



HomeWork#1 Testing Page

This is a Strong text

<time> this tag defines a human-readable date/time.

Also this element can also be used to encode dates and times in a machine-readable way so that user agents can offer to add birthday reminders or scheduled events to the user's calendar, and search engines can produce smarter search results.

Example:

Code:

```
homework1.html x
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title> Maryam Shaheen </title>
5
6 <h1> HomeWork#1 Testing Page</h1>
7 </head>
8
9 <body>
10 <p>We wake up at <time>6:00 AM</time> every morning.</p>
11
12 <p>I have a meeting on <time datetime="2008-02-28 20:00">Wednesday</time>.</p>
13
14 </body>
15
16 </html>
```

How it looks like:



HomeWork#1 Testing Page

We wake up at 6:00 AM every morning.

I have a meeting on Wednesday.