

Creating a web page Lab Assignment



Goal Create a simple web page

Create the file: **inclass.txt** in your **www** directory.

Do you remember how to *get* to your **www** directory?

Do you remember how to *verify* that you are in the **www** directory?

Do you remember how to create the file using **xemacs**?

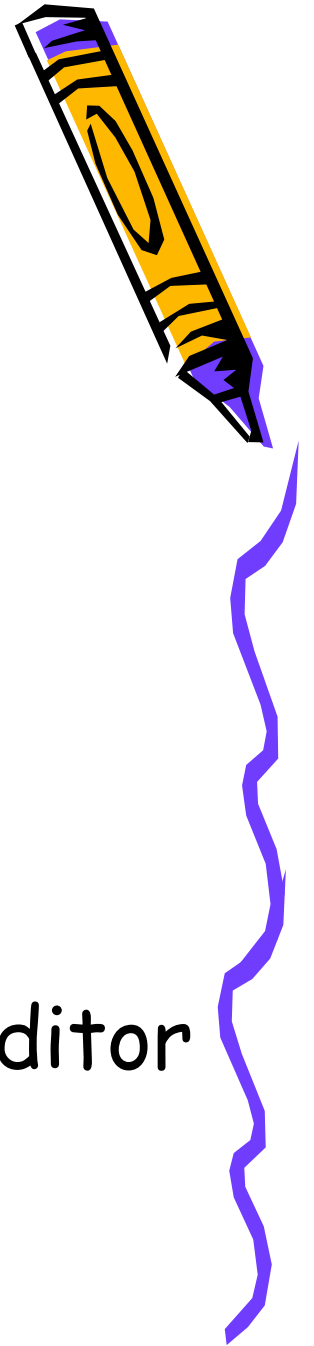


You must complete this exercise in class during today's lab session.

ADVICE!!!

- Use a simple editor!
notepad is a simple editor
xemacs is a simple editor
notepad++ is a simple editor

Microsoft Word is **NOT** a simple editor



Hypertext Markup Language - html



`<html>`

In your file, enter these two lines. They are the beginning tag and matching end tag to start a web page.

Web pages are create using tags. Most tags come in pairs.

A 'begin' and a partner 'end' tag.

The begin and end tags are usually spelled the same, but the end tag also contains a slash.

`</html>`



Hypertext Markup Language - html

<html>

<head>

</head>

<body>

</body>

</html>

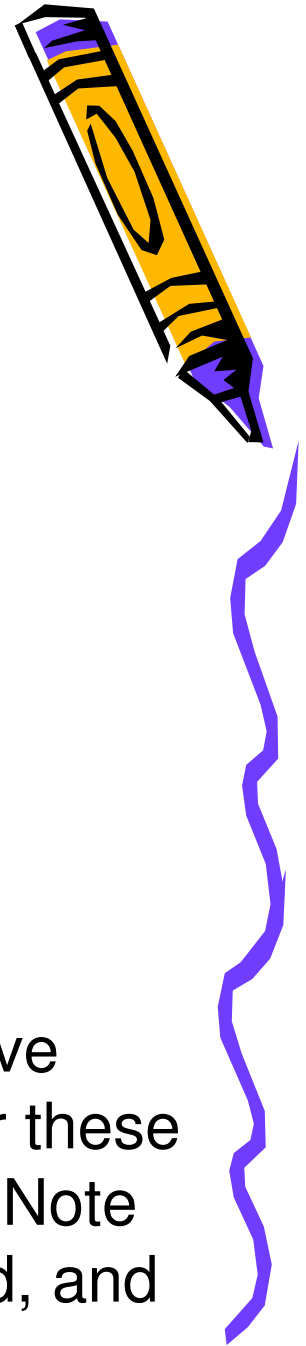
A web page has a

head

and a

body

and note that both sections have beginning and end tags. Enter these tags into your **inclass.txt** file. Note that body comes after the head, and both are inside the html tags.



Hypertext Markup Language



```
<html>
```

```
<head>
```

```
</head>
```

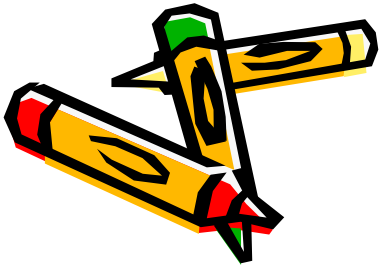
```
<body>
```

Type some text
inside the body.

These are my favorite movies.

```
</body>
```

```
</html>
```



Hypertext Markup Language



Create a title!

```
<html>
```

```
<head>
```

```
<title> My Favorite Movies </title>
```

```
</head>
```

Titles are placed in the head

```
<body>
```

This is a list of my favorite movies.



```
</body>
```

```
</html>
```

Hypertext Markup Language

- Save your work
- View your web page at
<http://userpages.umbc.edu/~yourid/inclass.txt>
- Throughout this exercise, save your work periodically
- View your changes by refreshing your web browser.



Hypertext Markup Language

```
<html>
```

```
<head>
```

```
<title> My Favorite Movies </title>
```

```
</head>
```

```
<body>
```

This is a list of my favorite movies.

```
<ul>
```

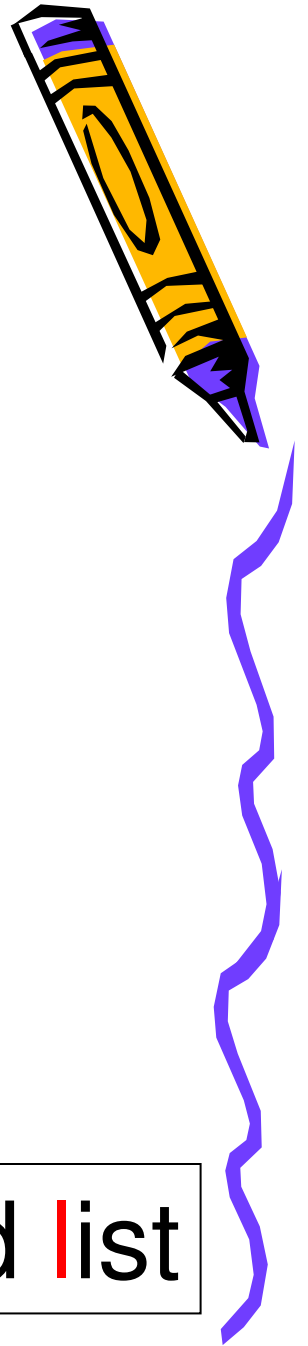
```
</ul>
```

```
</body>
```

```
</html>
```



Create an unordered list




```
<html>
```

```
<head>
```

```
  <title> My Favorite Movies </title>
```

```
</head>
```

```
<body>
```

```
  These are my favorite movies.
```

```
  <ul>
```

```
    <li>What's Up Doc?</li>
```

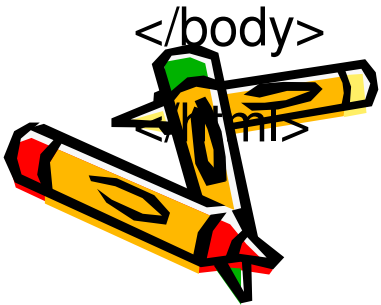
```
    <li>Shrek</li>
```

```
    <li>The Fisher King</li>
```

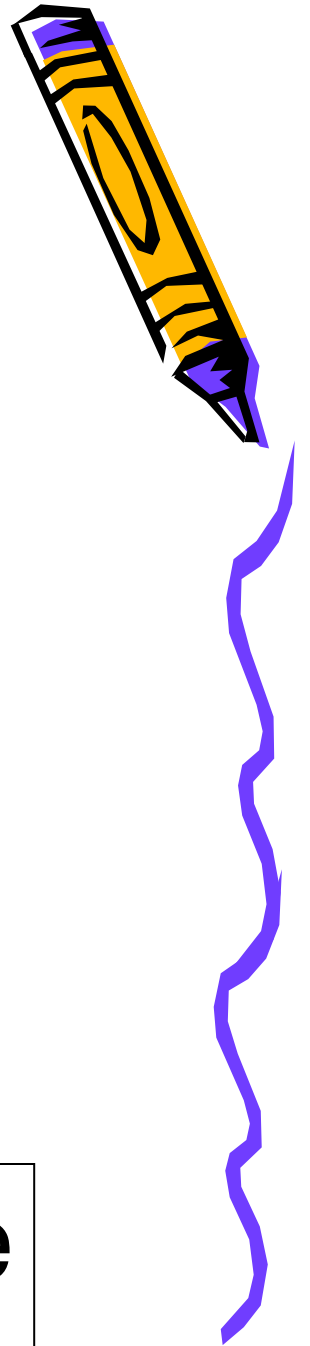
```
  </ul>
```

```
</body>
```

```
</html>
```



Inside the list, create
each **l**ist **i**tem.



```
<html>
```

```
<head>
```

```
  <title> My Favorite Movies </title>
```

```
</head>
```

```
<body>
```

```
  These are my favorite movies.
```

```
  <ul>
```

```
    <li>What's Up Doc?</li>
```

```
    <li>Shrek</li>
```

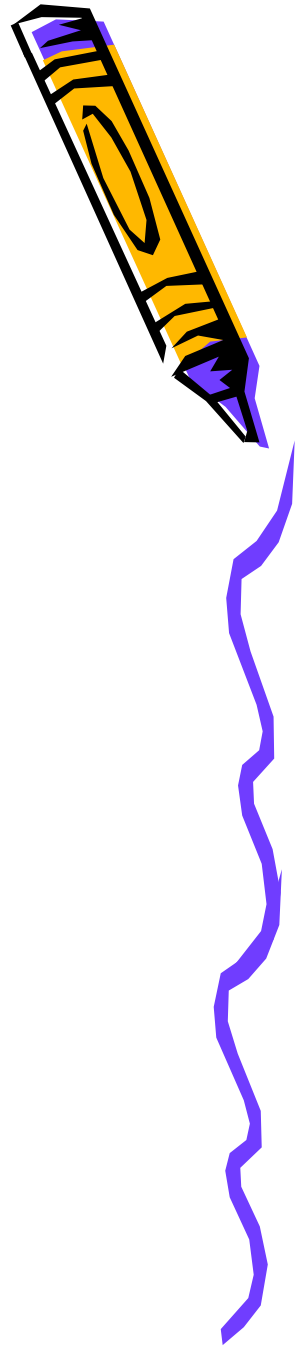
```
    <li>The Fisher King</li>
```

```
  </ul>
```

```
</body>
```



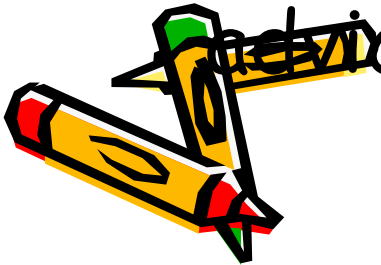
Create a list of **five** movies
Save and view your work



Hypertext Markup Language - MORE TAGS



- `...` creates an ordered list
- `<p>...</p>` paragraph tags
- `<h1>...</h1>` header 1
- `<h2>...</h2>` header 2
- `<h6>...</h6>` header 6
- `...` strong emphasis
- See: htmldog.com for more tags and advice on creating web pages.



```
<html>
```

```
<head>
```

```
  <title> <b1> My Favorite Movies </b1> </title>
```

```
</head>
```

```
<body>
```

```
  These are my favorite movies.
```

```
  <ul>
```

```
    <li>What's Up Doc?</li>
```

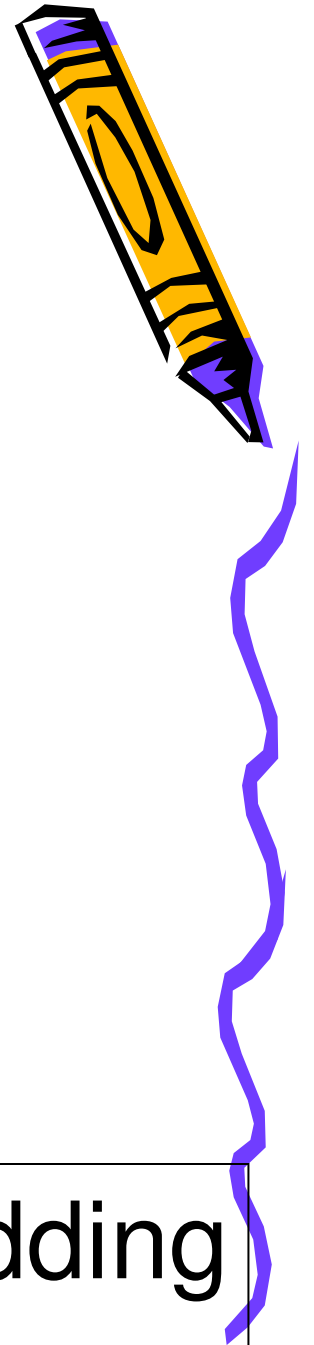
```
    <li>Shrek</li>
```

```
    <li>The Fisher King</li>
```

```
  </ul>
```

```
</body>
```

```
</html>
```



Enhance the title, by adding
h1 header tags

```
<html>
```

```
<head>
```

```
  <title> <b1> My Favorite Movies </b1> </title>
```

```
</head>
```

```
<body>
```

```
  <p>These are my favorite movies.
```

```
  <ul>
```

```
    <li>What's Up Doc?</li>
```

```
    <li>Shrek</li>
```

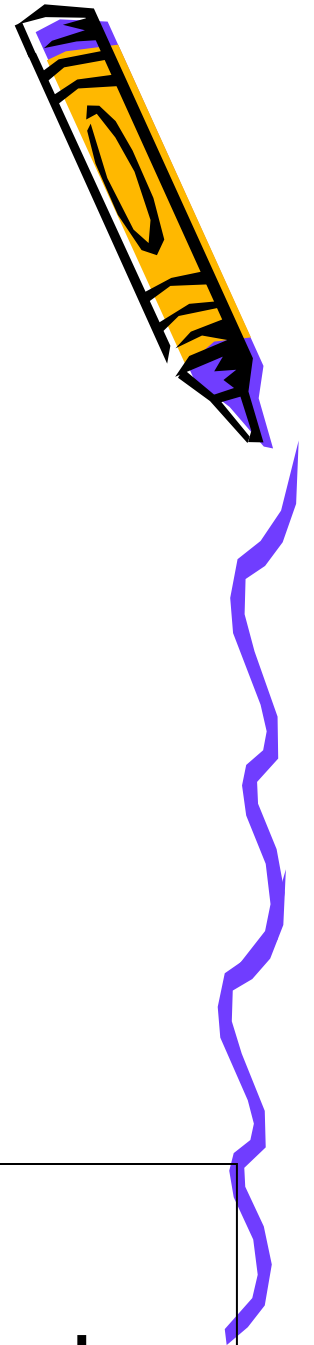
```
    <li>The Fisher King</li>
```

```
  </ul>
```

```
  </p>
```

```
</body>
```

```
</html>
```

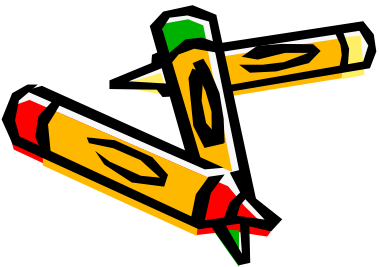


Group your work into a paragraph with the `<p>` tag

Hypertext Markup Language

- MORE TAGS

- Though most tags come in pairs, some tags are single units.
- One such tag is the horizontal rule
- `<hr>`
- The horizontal rule draws a straight line



```
<body>
```

```
<p>These are my favorite movies.
```

```
<ul>
```

```
<li>What's Up Doc?</li>
```

```
<li>Shrek</li>
```

```
<li>The Fisher King</li>
```

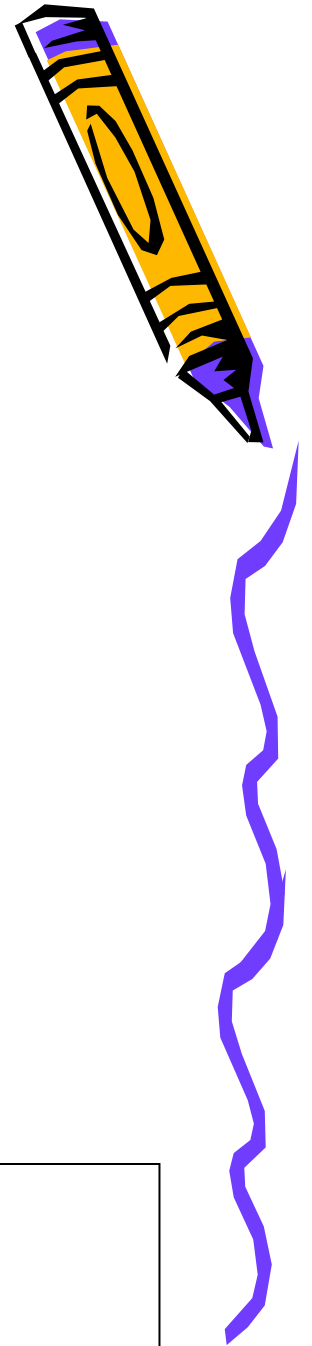
```
</ul>
```

```
</p>
```

```
<hr>
```

```
</body>
```

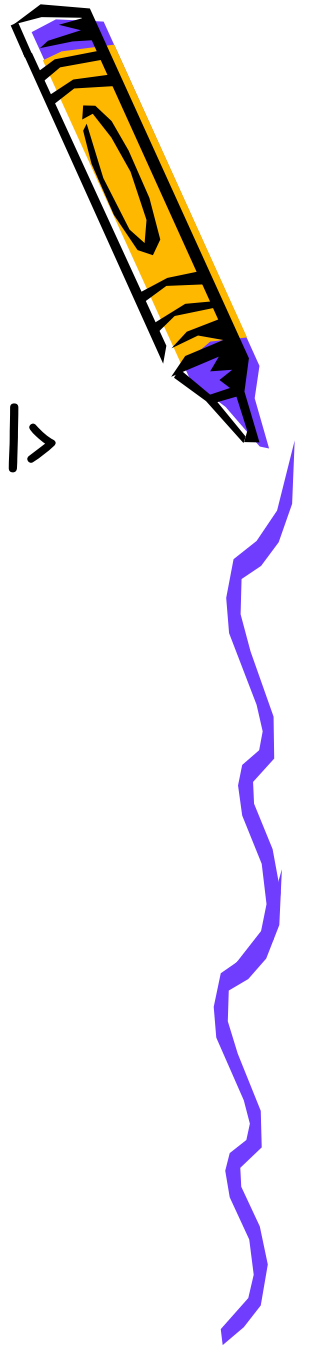
```
</html>
```



Add a horizontal rule
Save and view your page

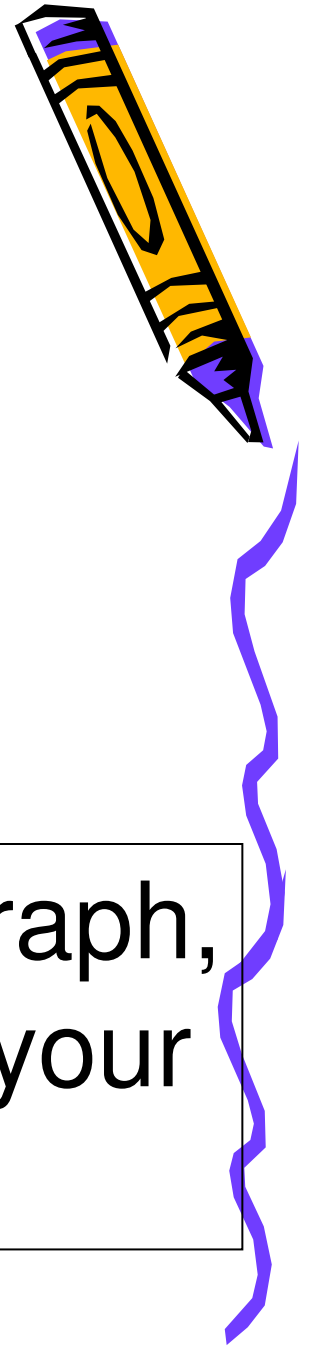
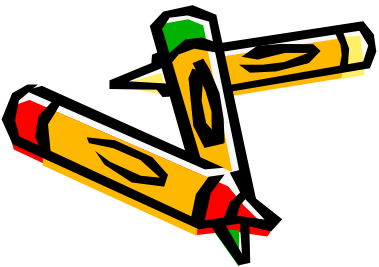
Create a list of your favorite foods

- Create an ordered list using the `` tag.
- Note that each list item must also contain the `` tag.
- Add this list after the horizontal rule.



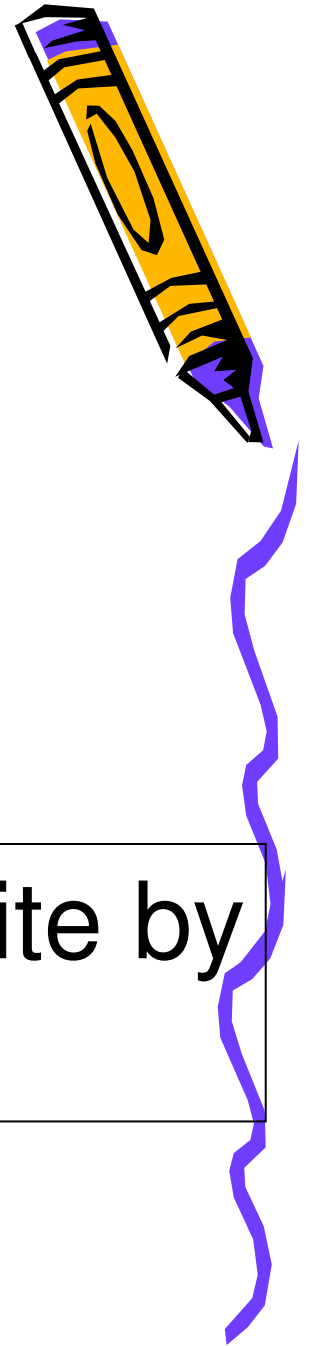

```
<hr>
<p> These are my favorite foods
<ol>
    <li>Pizza</li>
</ol>
</p>
</body>
</html>
```

Create this entire paragraph,
Which contains a list of your
five most favorite foods.



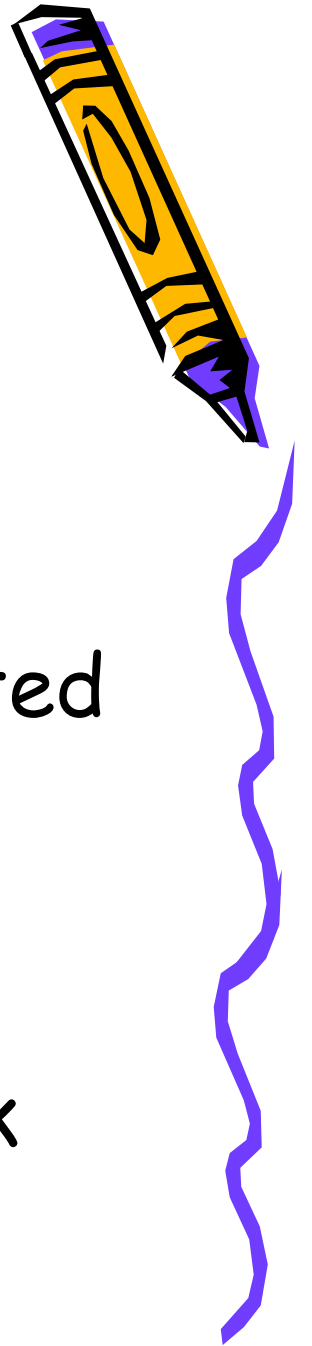
```
<hr>
<p> These are my <strong>favorite</strong> foods
<ol>
    <li>Pizza</li>
</ol>
</p>
</body>
</html>
```

Enhance the word favorite by using the `` tag.



Final Step

- Save your work
- View your web page
- Show your instructor your completed work
- You will receive your 25 points for homework 2, part 4, once your instructor has inspected your work



View Web Pages

- Look at web pages
- Most web page browsers allow users to: "view page source"
- For example look at the source of the web page for the first homework: hw1
- Look for these tags in the "hw1" page:
<html> <head> <body>
- Find an unordered list and a list item.

