

HTML

Week 2 - IST 263

Section M005

WEEK 1 SELF ASSESSMENT SUMMARY

WEEK 1

LEARNING OUTCOMES

- Describe the World Wide Web
- Explain how the web works
- Memorize the key components

AGENDA

- Intro. to HTML
- Git, GitHub & Homework

FAVORITE WEBSITES

<https://what-if.xkcd.com/>

<https://www.reddit.com/>

Cornerstone technologies for the WWW

describes how the content should be rendered

HTML + CSS + JS = WEB PAGE

the content to be rendered

makes the page interactive

WHAT IS HTML?

Hyper**T**ext **M**arkup **L**anguage

- Standard markup language for creating web pages
- Generated by the web server
- Transmitted via HTTP
- Rendered by a web browser

Sample HTML5

```
<!doctype html>
```

```
<html lang="en">
```

```
  <head>
```

```
    <title>IST 263</title>
```

```
  </head>
```

```
  <body>
```

```
    <p>Hello World !!!</p>
```

```
  </body>
```

```
</html>
```


HTML - COMPONENTS

- DocType

`<!doctype html>`

- Tags

- Elements

`<p>Hello World !!!</p>`

- Attributes

HTML ELEMENT PROPERTIES

- Only 1 HTML, HEAD and BODY Element
- Other elements can be repeated
- Start and end tags
- Formatting

GIT & GITHUB

- All homework & project has to be submitted via GitHub
- GIT is not the same as GITHUB
- What is GIT?
git is a program running on your computer.
- What is GitHub?
This is a service that is running on a remote server at github.com

Github & Collaboration

SUBMITTING HOMEWORK

- Pull from GitHub
- Commit to Git
- Push to GitHub

DEMO

MORE HTML

Next Class

COMPUTER SETUP & GITHUB