# HTML HANDS-ON

Week 3.2 - IST 263

# HTML SUMMARY

- Describe HTML

- HTML Vocabulary

  - Element

  - Tag

  - Attributes

# HTML TAGS

**Block Elements ("tags")**

- H1, H2 …

- Paragraphs

- Line Breaks

- Ordered Lists

- Unordered Lists

- Tables

**Inline Elements (also "tags")**

- Bold, Italics, Underline

- Links

- Images

- Spans

# SEMANTIC HTML

Semantic HTML is the use of HTML markup to reinforce the **semantics,** or meaning, of the information in webpages and web applications rather than merely to define its presentation or look.

https://en.wikipedia.org/wiki/Semantic_HTML

# SEMANTIC STRUCTURE

```
<html>
   <head>
      <title>Name of page</title>
   <head>
   <body>
      <header>
      </header>
      <main>
         <section id="section1">
         </section>
         <section id="section2">
         </section>
      </main>
      <footer>
      </footer>
   </body>
</html>
```

## Why are they important?

- HTML structures content
- "Semantic" tags express meaning
- To search spiders, to screen readers…
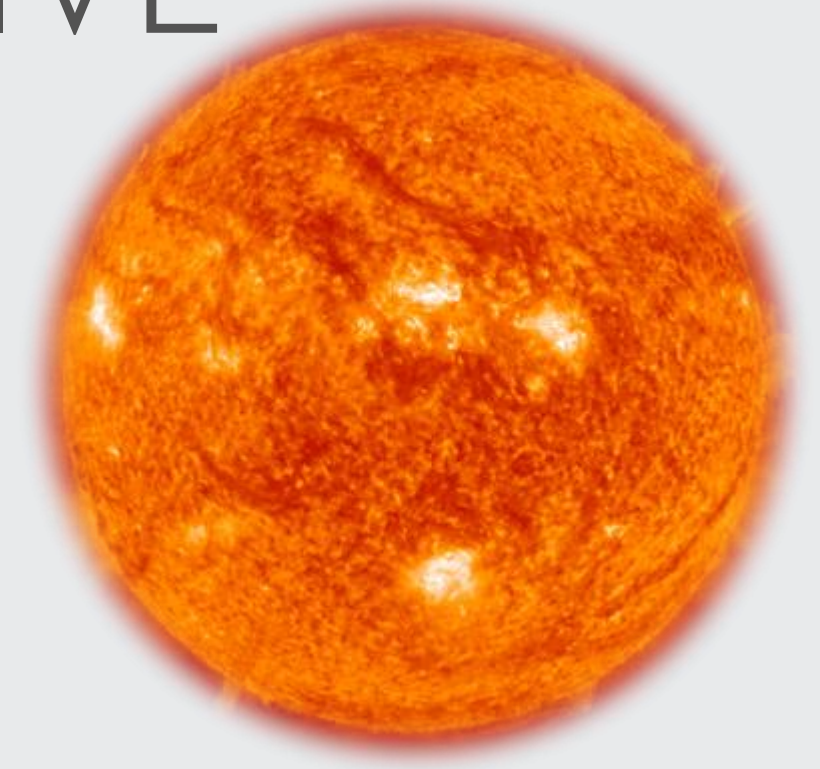- Also to future device platforms not yet known!

Worth creating a standard starter file?

# TODAY'S LAB

Our Solar System

# LAB OBJECTIVE

Look for instructions in the class files at:
`week-03/02/labs/solar-system.zip`

## Update Solar System

Open the `solar system.html` page in VS Code. Review the comments and correct the errors noted.

## Submit to GitHub

If you have the time try submitting this to GitHub. You can follow the instructions on the class website.

# HOMEWORK

schedule/week-03/02/after-class/index.html

# CSS

Next Class