

# *HTML/CSS/JavaScript*



Bill Keech

Sunbelt Computer  
Software

# *HTML/CSS/JS OVERVIEW*



- HTML
- CSS
- JavaScript
- Tables
- iFrame
- Online Resources

# *HTML*



- Tag based format enclosed in `<html>` tags
- The `<head>` section contains title, `<meta>` tags, CSS, scripts
- The `<link>` tag is used to link to external style sheets
- The `<script>` tag can be used to link to external script files
- The `<style>` tag is used to define style information

# HTML



- The `<body>` section contains the content
- The `<div>` tag is like a PL/B PANEL
- The `<canvas>` tag is used to draw graphics
- The `<svg>` tag defines a container for SVG graphics
- The `<table>` tag defines an HTML table

# *HTML*



- HTML elements are identified using the name attribute
- The class attribute allows for common styling
- <https://www.w3schools.com/html/default.asp>

# CSS



- The class and style attributes are used for styling
- Rules cascade adding to previous rules
- The display style allow block, inline, or none
- The !important is used to ignore all other rules
- <https://www.w3schools.com/css/default.asp>

# *JavaScript*



- **C like syntax**
- **Dynamic typing**
- **Evaluation not compilation**
- **JSON best as interchange**

# Tables

- Tags are `<table>`, `<tr>`, `<th>`, `<td>`
- The `<tbody>` element is used with the `<thead>` and `<tfoot>`
- The `<colgroup>` tag is for applying styles to entire columns
- The `<colspan>` and `<rowspan>` can change cell size
- [https://www.w3schools.com/css/css\\_table.asp](https://www.w3schools.com/css/css_table.asp)



# *iFrame*

- An iFrame or inline frame is used to display external html
- Most common attributes are name, src, width, height, and style
- Height and width can be set in percentages
- Contained HTML is sandboxed
- Can be used as a hyperlink target

# *Online Resources*



- **Good Programmer Sites:**

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

<https://stackoverflow.com/>

<https://www.w3schools.com/>

# *Online Resources*



- **Frameworks**

<https://jquery.com/>

<https://jqueryui.com/>

<https://jquerymobile.com/>

<https://getbootstrap.com/>

# *Online Resources*



- **Google APIs**

<https://developers.google.com/chart/>

<https://developers.google.com/sheets/>

<https://developers.google.com/pay/>

*Questions?*

