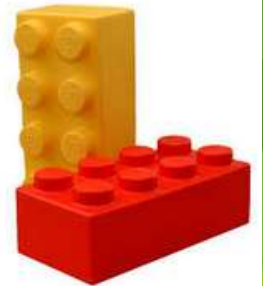


Final Review



Comprehensive
Jigsaw Puzzle



(100 points) 20 questions

Sample

1. All browsers can decode video and audio.

- ▶ a. True
- ▶ b. False

2. <footer> is one of the semantic elements.

- a. True
- b. False

3. Debugging

Debug and Fix

- ▶ Debugging vs Troubleshooting
- ▶ HTML is a “Permissive code”
 - ▶ Syntax errors - spelling errors
 - ▶ Logic errors -correct code, but the code is not what you intended to be.
- ▶ Why is HTML permissive code?

 Usage vs <DIV> usage: style or layout

 - styling purposes, non-semantic element:

1... generic inline container

2...

```
<html>
<style>
span {
  background: green;
  font-family: verdana;
}
</style>
<body>
<p> I want to highlight my paragraph because it is very important to be reader. <br>
    That's why I need to show my <span>portfolio</span>
</p>
</body>
</html>
```

I want to highlight my paragraph because it is very important to be reader.
That's why I need to show my **portfolio**

<DIV> block-level elements:

1....always start in a new line.

2...appear only within a <body> element.

```
<html>
<body>
<span> This is a paragraph 1. </span>
<span> This is a paragraph 2.</span>
<p>This paragraph is a block-level element;
its background has been colored to display the paragraph's parent element.</p>
</body>
</html>
```

This is a paragraph 1. This is a paragraph 2.

This paragraph is a block-level element; its background has been colored to display the paragraph's parent element.

(50 points) Know your input types and all forms must be required. Study your lab. Do not use JavaScript to validate.

► **INPUT TYPES VALIDATION:**

► Types: number, text, email, tel, radio, date

► `<input type="number" name="nights" id="stay-nights" required>`

► **DEMO:**

Request a Quote

* indicates a required field

* Name

* Email

* Start date
January ▾ 1 ▾ 2019 ▾

* Number of days * Number of guests

Other information (hours, catering needs, etc.)

Submit

Number of nights

df

Tables - cells, headings, cells span columns

```
<table>
<tr>
  <th>ID</th>
  <th>Company</th>
  <th>Contact</th>
  <th>Country</th>
</tr>
<tr>
  <td>1234</td>
  <td>Microsoft</td>
  <td>Bill Gates</td>
  <td>USA</td>
</tr>
<tr>
  <td>1235</td>
  <td>Centro comercial Moctezuma</td>
  <td>Francis Sanchez</td>
  <td>Mexico</td>
</tr>
<tr>
  <td>1236</td>
  <td>Bank of Australia</td>
  <td>Roland Bennnett</td>
  <td>Austria</td>
</tr>
<tr>
  <td>1237</td>
  <td>Trading Stock, Inc.</td>
  <td>Liza Tin</td>
  <td>UK</td>
</tr>
<tr>
  <td>1238</td>
  <td>Fishing inc.</td>
  <td>Yuri Guztab</td>
  <td>Canada</td>
</tr>
<tr>
  <td>1239</td>
  <td>Ferarri</td>
  <td>Greg Ferrir</td>
  <td>Italy</td>
</tr>
</table>
</body>
</html>
```

ID	Company	Contact	Country
1234	Microsoft	Bill Gates	USA
1235	Centro comercial Moctezuma	Francis Sanchez	Mexico
1236	Bank of Australia	Roland Bennnett	Austria
1237	Trading Stock, Inc.	Liza Tin	UK
1238	Fishing inc.	Yuri Guztab	Canada
1239	Ferarri	Greg Ferrir	Italy

```
<style>

td, th {
  border: 1px solid black;
  text-align: center;
}

tr:nth-child(odd) {
  background-color: #dddddd;
}

table {
  font-family: arial, sans-serif;
  border-collapse: collapse;
  width: 100%;
}
</style>
```

Note:

See the CSS3 :nth-child() Selector
- Tells you which rows to highlight

<fieldset>

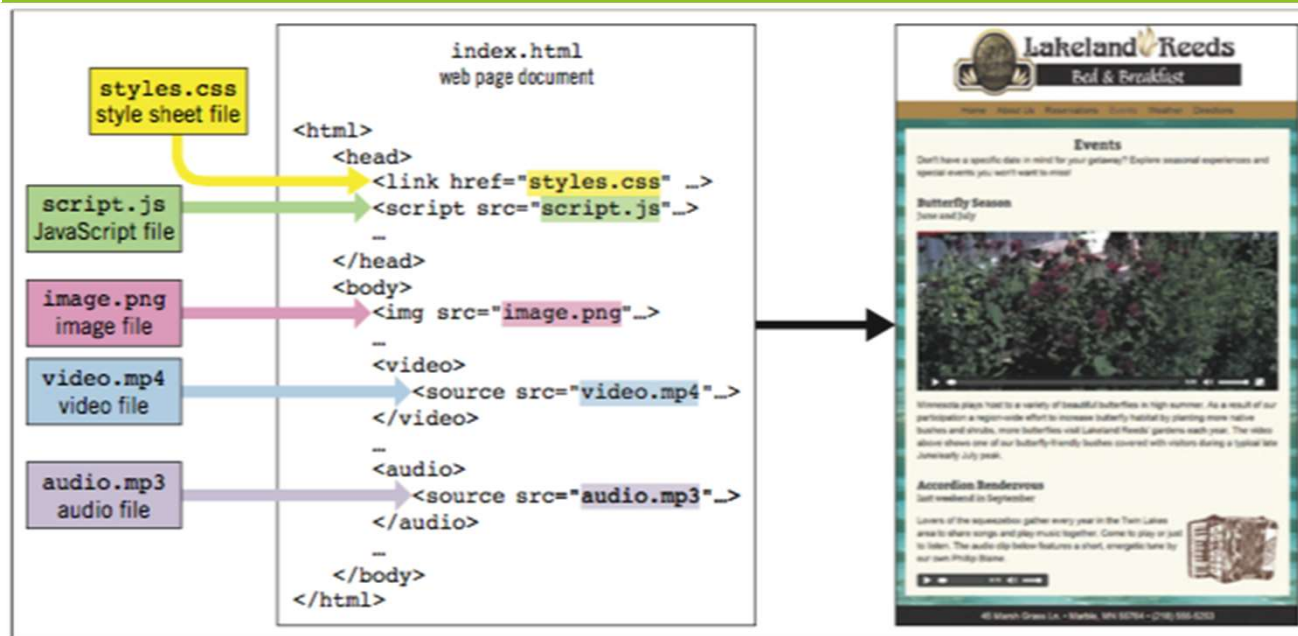
```
<!DOCTYPE html>
<html>
<body>
<form>
  <fieldset>
    <legend>Personal Information:</legend>
    Name: <input type="text"><br>
    Email: <input type="text"><br>
    Date of birth: <input type="text">
  </fieldset>
  <fieldset>
    <legend>Work History:</legend>
    Job Title: <input type="text" size=35>
    Description: <input type="text" size=35>
    Date: <input type="text" size=35><br>
    Job Title: <input type="text" size=35>
    Description: <input type="text" size=35>
    Date: <input type="text" size=35> <br>
    Job Title: <input type="text" size=35>
    Description: <input type="text" size=35>
    Date: <input type="text" size=35>
  </fieldset>
  <fieldset>
    <p>Special Instruction</p>
    <textarea rows="4" cols="50">
    </textarea>
  </fieldset>
</form>
</body>
</html>
```

Personal Information:		
Name:	<input type="text"/>	
Email:	<input type="text"/>	
Date of birth:	<input type="text"/>	

Work History:		
Job Title:	Description:	Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Job Title:	Description:	Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>
Job Title:	Description:	Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>

Special Instruction
<input type="text"/>
<input type="text"/>
<input type="text"/>
<input type="text"/>

Images, Videos, Audios



```
<video controls poster="images/bfly.png">
  <source src="media/bfly.m4v" type="video/mp4">
  <source src="media/bfly.webm" type="video/webm">
  <track src="descriptions.vtt" kind="descriptions" srclang="en"
  label="English descriptions">
  <track src="captions.vtt" kind="captions" srclang="en" label="English captions">
  <object type="application/x-shockwave-flash" width="854" height="508">
    <param name="movie" value="media/bfly.swf">
    <param name="base" value="media">
    
</video>
```

Relationship
between video
files, audio files,
and other web page