	CSE 482L: Internet and Web Technology Lab	Lab Manual
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Goal:

- Basic web page structure
- List, Block vs Inline element
- Some important tags
- Table, Form
- Document Structure

Basic Web Page Structure

```
<!DOCTYPE html>
<html>
<head>
  <title>Page Title</title>
</head>
<body>
  <h1>This is a Heading</h1>
  <p>This is a paragraph.</p>
</body>
</html>
```

List

<pre> Coffee Tea Milk </pre>	<pre> Coffee Tea Milk </pre>
--	--

Block Vs Inline Element

<pre><p style="border: 1px solid black"> Hello World </p></pre> <p><p> Block elements(p) will always start on a new line and take up the full width available</p></p>	<pre><p>This is an inline Hello world! element inside a paragraph </p></pre> <p><p>An inline element(span) will not start on a new line and takes up as much width as necessary </p></p>
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Important Tags

Anchor Tag

```
<a href="https://www.google.com/"> Google</a>
```

Image Tag

```

```

Picture Tag

```
<picture>
  <source media="(min-width:650px)" srcset="img_pink_flowers.jpg">
  <source media="(min-width:465px)" srcset="img_white_flower.jpg">
  
</picture>
```

Table

```
<style>
  th, td { border: 1px solid black}
</style>
<table style="width:100%">
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
  </tr>
  <tr>
    <td>Abdullah</td>
    <td>Hasan</td>
  </tr>
  <tr>
    <td>Fatimah</td>
    <td>Hamid</td>
  </tr>
</table>
```

Form

```
<form method="get" action="/anotherpage.html">
  <label for="my_name">Name:</label><br>
  <input type="text" id="my_name"><br><br>
  <label for="password">Password:</label><br>
  <input type="password" id="password"><br><br>
  <span>Role:</span><br>
  <input type="radio" id="student" value="s" name="role">
  <label for="student">Student:</label><br>
  <input type="radio" id="teacher" value="t" name="role">
  <label for="teacher">Teacher:</label><br><br>
  <input type="submit" value="submit">
</form>
```

What happens when you click submit? Why?

What happens when you click on any label? If a label does not have a `for` attribute what happens?

If you omit the `name` attribute of `radio` inputs what change happens in their behavior?

Lab Task

Class task 1: Make a table to list 5 of your favorite actors/movies/books etc. Use as many tags/concept from/beyond lab manual as you can to get the full mark. (Figure 1)

Class task 2: Design the layout provided below using table. (Figure 2). Try these attributes. `colspan` = "xx" `rowspan` = "xx" if needed. What does these attributes do? Do they help?

Favorite Actors

No.	Image.	First Name	Last Name	Age	Hobby
1		Denzel	Washington	67	Swimming
2		Leonardo	DiCaprio	47	Cooking
3		Tom	Hanks	65	Driving
4		Tom	Cruise	59	Flying
5		Brad	Pitt	58	

Figure 1

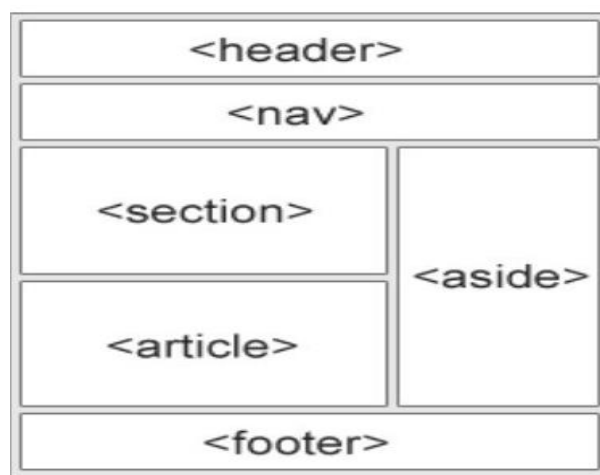


Figure 2

Assignment

Design a web page following the layout provided below. Submit within 5 days. Minimal use of CSS is enough for this task, focus on the html structure. (Figure 3)

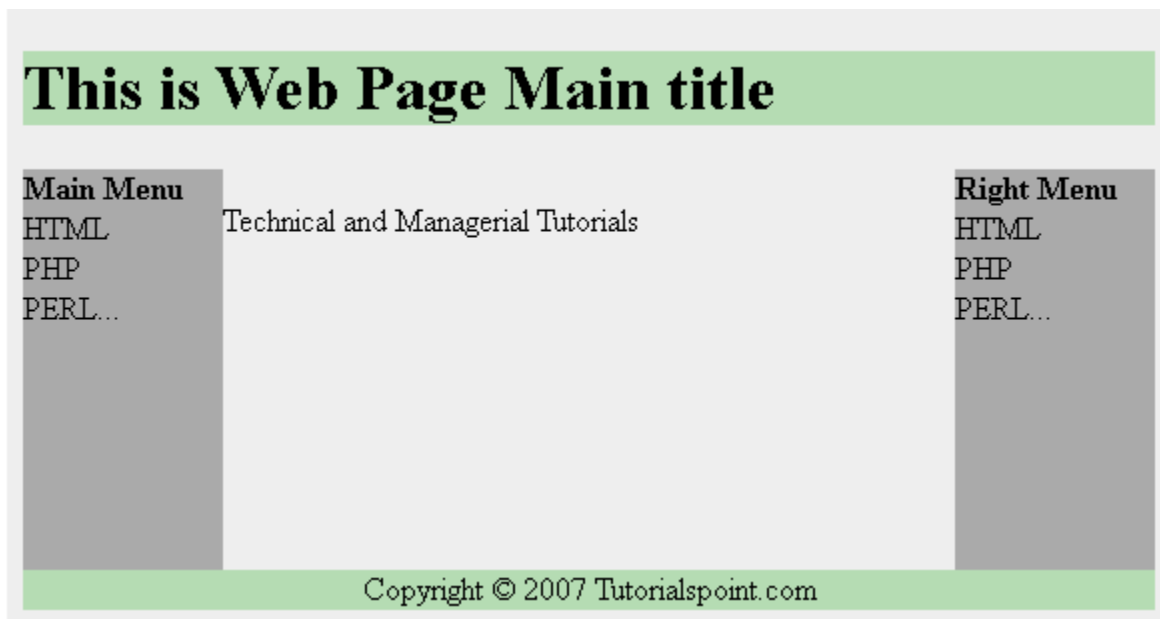


Figure 3: Layout by table (source: https://www.tutorialspoint.com/html/html_layouts.htm)

Practice and Learn

Run the following examples from W3schools as per the URL given below. Fiddle with these codes to learn better. Then bring your modified codes in the next class in a pen drive or google drive to discuss.

- A. https://www.w3schools.com/html/html_forms.asp
- B. https://www.w3schools.com/html/html_forms_attributes.asp
- C. https://www.w3schools.com/html/html_form_elements.asp
- D. https://www.w3schools.com/html/html_form_input_types.asp
- E. https://www.w3schools.com/html/html_form_attributes.asp
- F. https://www.w3schools.com/html/html_form_attributes_form.asp