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25/1/24

Observation:

1. Simple personal web page

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset = "UTF-8">
    <title>Image Link</title>
</head>
<body>
    <a href = "https://www.targetwebsite.com">
        <h1>Your Name</h1>
        <p>This is a brief bio about yourself.</p>
        Favorite website <a href = "https://www.yourfavoritewebsite.com">
            <img alt="Logo of your favorite website" />
        </a>
    </a>
</body>
</html>
```

Output: Your Name

This is a brief bio about yourself

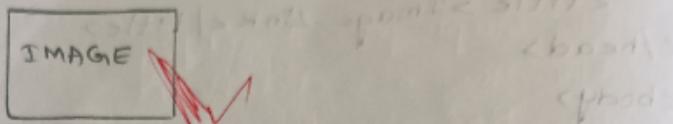
Visit my Favorite website.

2. Image as a clickable link

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset = "UTF-8">
    <title>Image Link</title>
</head>
<body>
    <a href = "https://www.targetwebsite.com">
        <img alt="Logo of target website" />
    </a>
</body>
```

```
alt = "Description of Image">
</a>
</body>
</html>
```

Output:



3. Navigation Bar with Unordered List

```
<!DOCTYPE html> <html><head></head>
<html lang="en"> <head> <meta charset="UTF-8"> </head>
<head> <title>Navigation Bar</title> </head>
<body>
<ul>
<li><a href="home.html"> Home </a></li>
<li><a href="about.html"> About </a></li>
<li><a href="contact.html"> Contact </a>
</ul>
</body>
</html>
```

4. Student Grades Table

```
<!DOCTYPE html> <html><head>
<html lang="en"> <head> <meta charset="UTF-8">
<head> <title> Student Grades </title>
</head>
```

```

<body>
  <table border = "1">
    <tr>
      <th>ID</th>
      <th>Name</th>
      <th>Grade</th>
    </tr>
    <tr>
      <td>101</td>
      <td>John Doe</td>
      <td>A</td>
    </tr>
    <tr>
      <td>102</td>
      <td>Jane Smith</td>
      <td>B</td>
    </tr>
  </table>
</body>
</html>

```

Output:

ID	Name	Grade
101	John Doe	A
102	Jane Smith	B

5. ~~product information~~ Table with merged cells.

```

<!DOCTYPE html>
<html lang = "en">
  <head>
    <meta charset = "UTF-8">
    <title>productTable</title>
  </head>

```

```

</head>
<body>
    <table border="1">
        <tr>
            <th colspan="2" rowspan="2">Product
            <th>Name</th>
            <th>Price</th>
            <th>Quantity</th>
        </tr>
        <tr>
            <td colspan="2">product A</td>
            <td>$100</td>
            <td>50</td>
        </tr>
    </table>
</body>
</html>

```

6. Output:

Department	Employee Name		
Product Name	Price	Quantity	ID
Product A	\$100	50	101

6. Employee by Department Table with Rowspan

```

<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8">
        <title>Employee Table</title>
    </head>
    <body>
        <table border="1">
            <thead>
                <tr>
                    <th>Employee Name</th>
                    <th>Department</th>
                    <th>Salary</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td rowspan="2">John Doe</td>
                    <td>IT</td>
                    <td>$1000</td>
                </tr>
                <tr>
                    <td>HR</td>
                    <td>$800</td>
                </tr>
                <tr>
                    <td>Jane Smith</td>
                    <td>IT</td>
                    <td>$1200</td>
                </tr>
            </tbody>
        </table>
    </body>

```

```

<table border="1">
  <tr>
    <th rowspan="2">Department</th>
    <th>Employee Name</th>
  </tr>
  <tr>
    <td rowspan="3">Marketing</td>
    <td>Jane Smith</td>
  </tr>
  <tr>
    <td>Alice Johnson</td>
  </tr>
</table>
</body>
</html>

```

Output:

Department	Employee Name
Marketing	Alice Johnson
	Jane Smith

7. ~~Frames with Navigation and content areas~~

```

<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <title> Frame layout </title>
  </head>
  <frameset cols="20%, 80%">
    <frame src="navigation.html"
          name="left">

```

```
<frame src="Content.html" name="main">
</frameset>
</html>
```

8. Frames with Document and Footer

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Frame Layout</title>
</head>
<frameset rows="75%, 25%">
<frame src="document.html" name="top">
<frame src="footer.html" name="bottom">
</frameset>
</html>
```

9. Three-column Framelet

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<title>Three-column layout</title>
</head>
<frameset cols="200, *, 200">
<frame src="left.html" name="left">
<frame src="center.html" name="center">
<frame src="right.html" name="right">
</frameset>
</html>
```

```
name = "center"> \ / show 32.103" & 10.103  
<frame src = "right.html" name = "right" />  
</frameset> </html> <body> <table border = "1" style = "width: 100%; height: 100%; border-collapse: collapse; margin: auto; border: 1px solid black; padding: 10px; font-size: 14px; color: black; background-color: white; text-align: center; border-radius: 10px; >  
</table>  
</body>  
</html>
```



```
<div style = "display: flex; justify-content: space-around; align-items: center; width: 100%; height: 100%; >  
  <div style = "flex: 1; text-align: center; >  
    <h1> Welcome to my website! </h1>  
    <p> This is a simple website I created for practice. </p>  
  </div>  
</div>
```

10) University Course registration System Using

XHTML and DHTML

```
<html>  
<html xmlns = "http://www.w3.org/1999/xhtml" style = "font-family: sans-serif; font-size: 14px; >  
  <head> <title> course Registration </title>  
  <style> table, th, td {border: 1px solid black; padding: 10px;} </style>  
  </head>  
  <script type = "text/javascript">  
    function addCourse() {  
      var name = document.getElementById("name").value;  
      var row = insertCell(0);  
      row.insertHTML(name);  
      row.insertCell(1);  
      row.insertCell(2);  
    }  
  </script>  
<table id = "courseTable" border = "1" style = "width: 100%; border-collapse: collapse; >  
  <thead>  
    <tr>  
      <th> Course Name </th>  
      <th> Description </th>  
      <th> Add </th>  
    </tr>  
  </thead>  
  <tbody>
```

```

holder = "course code" />
<table id = "courseTable">
<tr <th> courseName </th> <th> college
code </th> <th> Instructor </th> </tr>
</table>
</body>
</html>

```

Output: *Course registration system*

University Course Registration System	
Course code:	<input type="text"/>
Course Name:	<input type="text"/>
Add course	
Course code	Course Name
ece 345	elec

i) Responsive blog layout (Navigation Bar)

```

<html>
<head>
<title>Blog layout</title>
<link rel = "stylesheet" href = "styles.css">
</head>
<body>

```

```
<header>
  <h1>My Blog </h1>
  <nav>
    <a href="#home">Home</a>
    <a href="#about">About</a>
  </nav>
</header>
<div class="container">
  <aside>Sidebar content</aside>
</div>
</body>
</html>
```

Output:

My Blog			
Home	About	Blog	Contact
About me			Blog post
Some information		title "welcome".	
Categories		content	
C ₁			
C ₂			

University Course Registration System using XHTMl and DHTML

```
<!DOCTYPE html>
<html
  xmlns="http://www.w3.org/1999/xhtml">
</html>
<head>
  <title> University course Registration </title>
  <style>
    table {
      width: 100%; border-collapse: collapse;
      border: 1px solid black; padding: 0px;
      text-align: left; margin: 0px;
    }
    th {
      background-color: #f2f2f2;
      margin-top: 10px;
    }
    button {
      margin-top: 10px;
    }
  </style>
  <script>
    let courseCount = 0;
```

```
function addCourse(courseName, courseCode)
{
    const table = document.getElementById('courseTable');
    const row = table.insertRow();
    const cell1 = row.insertCell(0);
    const cell2 = row.insertCell(1);
    cell1.innerHTML = courseName;
    cell2.innerHTML = courseCode;
}

<!DOCTYPE html>
<html>
<head>
    <script>
        function addCourse(courseName, courseCode)
        {
            const table = document.getElementById('courseTable');
            const row = table.insertRow();
            const cell1 = row.insertCell(0);
            const cell2 = row.insertCell(1);
            cell1.innerHTML = courseName;
            cell2.innerHTML = courseCode;
        }
    </script>
</head>
<body>
    <h1>Available Courses</h1>
    <table id="courseTable">
        <tr>
            <th>course Name</th>
            <th>course Code</th>
        </tr>
        <!-- Initial courses can be listed here -->
        <tr>
            <td>Introduction to XHTML</td>
            <td>XHTML101</td>
        </tr>
        <tr>
            <td>Introduction to CSS</td>
            <td>CSS101</td>
        </tr>
    </table>
    <button onclick="addCourse('Introduction to XHTML',
        'XHTML101')">Add</button>
    <button onclick="addCourse('Introduction to CSS',
        'CSS101')">Add</button>
</body>
</html>
```

onclick = "addcourse ('Advanced DHTML',
('DHTML 20'))" > Add

' Advanced DHTML' </button>

<body>

<html>

(d) 1150px = 20% width < 1150px

<!DOCTYPE html>

<html lang = "en">

<head>

<meta charset = "UTF-8">

<meta name = "viewport"

content = "width: device-width, initial-scale=1.0"

<title>Responsive Blog </title>

<style>

body {

background:

font-family: Arial, sans-serif;

margin: 0; padding: 0; border: 0;

padding: 0;

border: 0;

header {

background-color: #3333;

color: white;

padding: 10px;

h1

header h1 {

font-size:

margin: 0; padding: 0;

display: inline;

y

<nav>

nav {

float: right;

position:

```
nav a {  
    color: white;  
    text-decoration:  
    none;  
    padding: 10px;  
}  
nav a:hover {  
    background-color:  
    #555;  
}  
nav .container {  
    display: flex;  
    flex-wrap: wrap;  
}  
</style>  
</head>  
<body>  
    <header>  
        <h1> My Blog </h1>  
        <nav>  
            <a href="#"> Home </a>  
            <a href="#"> About </a>  
            <a href="#"> Contact </a>  
        </nav>  
    </body>  
</html>
```