

## Internet Programming

### Scenario 1: Simple Personal webpage

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Personal Page</title>
</head>
<body>
  <h1>Your name</h1>
  <p>This is a brief bio about yourself.</p>
  <a href="https://www.yourfavoritewebsite.com">
    Visit My Favorite website</a>
  </body>
</html>
```

#### Output:

\* Heading: "Your Name"

\* Paragraph: "This is a brief bio about yourself."

\* Link: "Visit My Favorite website."

### Scenario 2: Image as Clickable link

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



Output:

- \* An image that when clicked redirects to "https://www.targetwebsite.com"

Scenario -3: Navigation Bar with unordered list

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <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></li>
  </ul>
</body>
</html>
```

Output :

- \* A Navigation bar with links to "Home", "About", and "Contact" pages.



#### Scenario - 4: Student Grades Table

```

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

## Scenario - 5: Product Information Table with merged cells

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Product Table</title>
</head>
<body>
  <table border="1">
    <tr>
      <th colspan="2">Product Name</th>
      <th>Price</th>
      <th>Quantity</th>
    </tr>
    <tr>
      <td colspan="2">Product A</td>
      <td>$100</td>
      <td>50</td>
    </tr>
  </table>
</html>

```

Output:

Product Name	Price	Quantity
Product A	\$100	50



d cells

# Scenario - 6 : Employee by Department Table with Row span

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Employee = Table </title>
</head>
<body>
  <table border="1">
    <tr>
      <th rowspan="2">Department </th>
      <th>Employee Name </th>
    </tr>
    <tr>
      <td rowspan="3">Marketing </td>
      <td>John Doe </td>
    </tr>
    <tr>
      <td>Jane Smith </td>
    </tr>
    <tr>
      <td>Alice Johnson </td>
    </tr>
  </table>
</body>
</html>
```

Output :

Department	Employee Name
Marketing	John Doe
	Jane Smith
	Alice Johnson

### Scenario - 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>
```

### Scenario - 8: Frames with Document and Foot

```
<!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>
```



Areas

### Scenario - 9 : Three Column Frameset

```
<!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="centre.html"
name="center">
  <frame src="right.html"
name="right">
</frameset>
</html>
```

Output :

\* A webpage fixed width left navigation menu a  
resizable center content area and fixed width  
right side

