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**STD : ..... SEC : ..... ROLL NO : .....**

S.No.	Date	Title	Page No.	Teacher's Sign /
1.	25/8	Personal webpage		
2	25/8	Clickable image link		
3	26/8	Navigation bar webpage		
4	26/8	Std grades table		
5	27/8	Merged calls		
6	27/8	Employee table		
7	28/8	frames with Navigation		
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14	5/8	developing a local restaurant		
15	6/8	Create a user registration		
16	6/8	blog website		
17	7/8	University portal.		

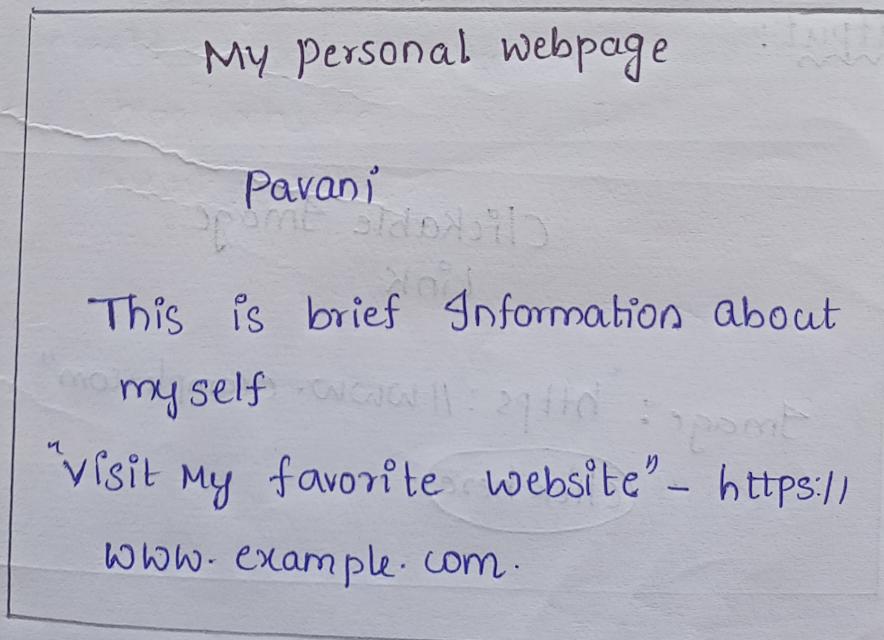
## Observation-1

- you are tasked with creating a simple personal web page that includes your name, a brief bio, and a link to your favorite website.

HTML code:

```
<!DOCTYPE html>
<html>
  <head>
    <title>My Personal Webpage </title>
  </head>
  <body>
    <h1>Your Name </h1>
    <p>This is a brief bio about myself. </p>
    <a href="https://www.example.com" target="blank">Visit my favourite website </a>
  </body>
</html>
```

Output:

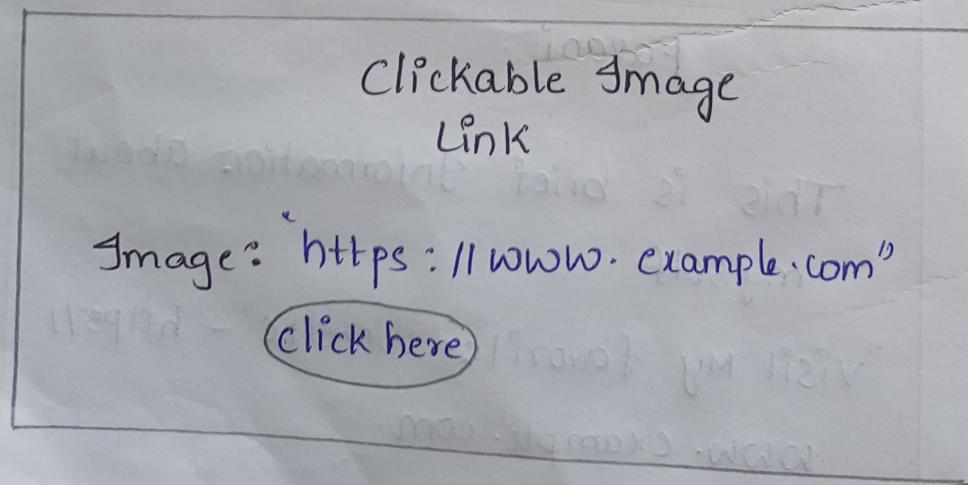


2. you need to create a webpage with an image that acts as a clickable link to another website. How would you code this in HTML? Describe the tags and attributes you would use.

HTML code:

```
<!DOCTYPE html>
<html>
<head>
<title> Clickable Image Link </title>
</head>
<body>
<a href="https://www.example.com" target
   = "-blank">
  
</a>
</body>
</html>
```

Output:



3.

4.

3. you have been asked to create a navigation bar at the top of your webpage with links to "Home", "About", and "Contact" pages. How would you structure this using an unordered list in HTML?

HTML code:

```
<!DOCTYPE html>
<html>
<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></li>
</ul>
</body>
</html>
```

Output:

Name	Age	Occupation
Pavani	20	Web developer

4. You are designing a webpage that displays student grades in table format. Each row should represent a student, with columns for the student's ID, name, and grade. The first row should be a header row.

HTML code:

```
<!DOCTYPE html>
<html>
<head>
<title> Student Grades </title>
</head>
```

```

<body>
  <table border="1">
    <tr>
      <th> student ID </th>
      <th> Name </th>
      <th> Grade </th>
    </tr>
    <tr>
      <td> 001 </td>
      <td> Alice </td>
      <td> A </td>
    </tr>
    <tr>
      <td> 002 </td>
      <td> Bob </td>
      <td> B </td>
    </tr>
  </table>
</body>
</html>

```

Student ID	Name	Grade
1001	Alice	A
1002	Bob	B

5. You need to create a table that displays product information. The table should include merged cells from these products.

HTML code:

```

<!DOCTYPE html>
<html>
  <head>
    <title> Tables </title>
  </head>

```

```

</head>
<body>
    <table border="1">
        <tr>
            <th colspan="2"> product Name </th>
            <th> price </th>
            <th> Quantity </th>
        </tr>
        <tr>
            <td colspan="2" rowspan="2">product A</td>
            <td> 12.00 </td>
            <td> 1 </td>
        </tr>
        <tr>
            <td colspan="2" rowspan="2">product B</td>
            <td> 15.00 </td>
            <td> 2 </td>
        </tr>
    </table>
    </body>
</html>

```

Product Name	price	Quantity
A	12.00	1
B	15.00	2

6. You are required to create a table that lists employee details by department.

HTML code:

```

<html>
    <head>
        <title> table list </title>
    </head>

```

```

<body>
  <table border="1">
    <tr>
      <th> Department </th>
      <th> employee Name </th>
    </tr>
    <tr>
      <td rowspan="2" colspan="2">SalesMarketing

```

Department	employeeName
Sales	John
Marketing	Justin

You are tasked to create a webpage with a left navigation pane and a main content area. How do you implement these using frames in HTML?

**HTML code:**

```

<!DOCTYPE html>
<html>
  <head>

```

7. Write webpage using frames & titles

```
</head>
</frameset>
<frame src = "Navigation.html" name = "navframe">
<frame src = "Content.html" name = "Mainframe">
</frameset>
</html>
```

8. You are asked to design a webpage that displays a document in the top half of the window.

**HTML code:**

~~~~~

```
<!DOCTYPE html>
<html>
<head>
<title> Frames </title>
</head>
<frameset rows = "50%, 50%">
<frame src = "document.html" name = "topframe">
<frame src = "footer.html" name = "bottomframe">
</frameset>
</html>
```

Document page

This is content of Document.

Footer page

This is content of footer.

Q. You need to create a webpage with three columns or left nav means, a center content area. How do could you should structure the frameset HTML to create this layout.

HTML code:

```
<!DOCTYPE html>
<html>
<head>
    <title>Frames </title>
</head>
<frameset cols="20%, *, 20%">
    <frame src="nav.html" name="leftframe"
          scrolling="auto">
    <frame src="content.html" name="centerframe"
          scrolling="auto">
    <frame src="side bar.html" name="rightframe">
</frameset>
</html>
```

Output:

|           |                       |                                                                       |
|-----------|-----------------------|-----------------------------------------------------------------------|
| Section1  | Welcome<br>TO Webpage | Additional<br>info<br><br>Sidebar to<br>display<br>additional<br>info |
| Section 2 |                       |                                                                       |

1. University course registration system using XHTML and DHTML. The system should manage tasks like available courses, registering studies, displaying student registration etc;

```
<html>
  <html xmlns = "http://www.w3.org/xhtml">
    <head>
      <title> Course Registration </title>
    <style>
      table, th, td { border: 1px solid black; padding: 10px; }
    </style>
    <script type = "text">
      function addCourse() {
        var name = document.getElementById('courseName').value;
        var code = document.getElementById('courseCode').value;
        var instructor = document.getElementById('instructor').value;
        if (name && code && instructor) {
          var table = document.getElementById('courseTable');
          var row = table.insertRow(-1);
          row.insertCell(0).innerHTML = name;
          row.insertCell(1).innerHTML = code;
        }
      }
    </script>
  </head>
  <body>
    <table border = "1">
      <thead>
        <tr>
          <th>Course Name</th>
          <th>Course Code</th>
          <th>Instructor</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Computer Science</td>
          <td>CSE101</td>
          <td>Dr. John Doe</td>
        </tr>
      </tbody>
    </table>
    <form>
      <input type = "text" id = "courseName" placeholder = "Course Name" />
      <input type = "text" id = "courseCode" placeholder = "Course Code" />
      <input type = "text" id = "instructor" placeholder = "Instructor" />
      <button type = "button" onclick = "addCourse()">Add Course</button>
    </form>
  </body>
</html>
```

```
<script>
</head>

<body>
<h1>Course Registration</h1>
<input type="text" id="courseName" placeholder="Course Name" />
<input type="text" id="courseCode" placeholder="Course Code" />
<button onclick="addCourse()">Add Course</button>

<table id="courseTable">
  <thead>
    <tr><th>Course Name</th><th>Course Code</th><th>Instructor</th></tr>
  </thead>
  <tbody>
  </tbody>
</table>
</body>
</html>
```

Output:

## University Course Registration

Course Code: \_\_\_\_\_

Course Name: \_\_\_\_\_

Add Course

Course code

CSA4399

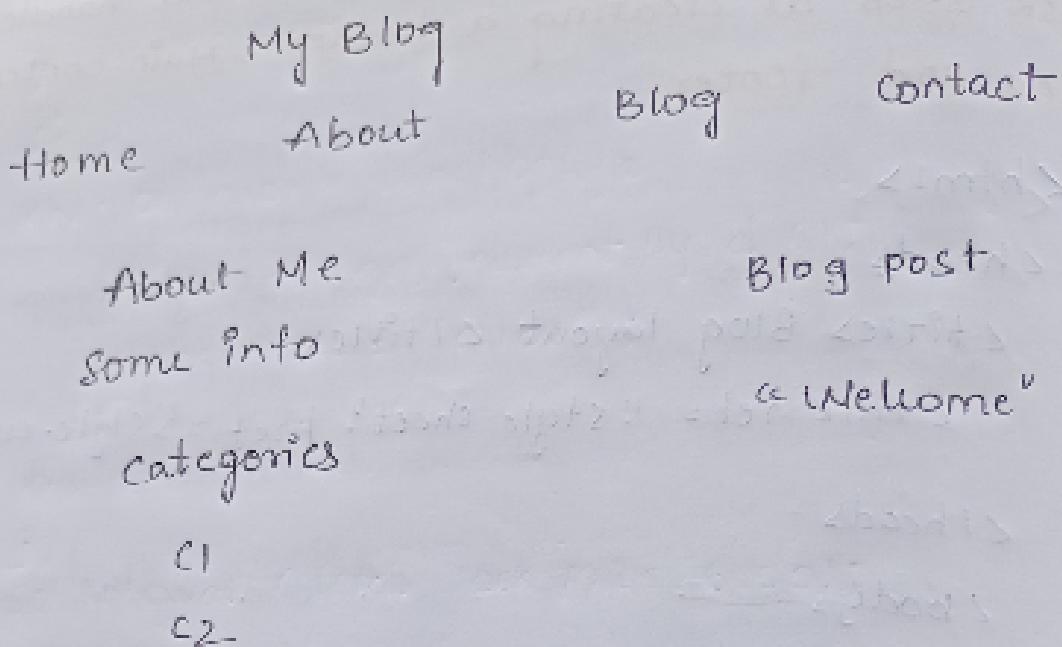
Course Name

IP

2. Design a responsive blog layout using CSS.  
The layout using CSS. The layout should handle  
task such as creating a header → Main content  
area and footer.

```
<html>
  <head>
    <ttitle> Blog layout </ttitle>
    <link rel="style sheet" href="style.css">
  </head>
  <body>
    <header>
      <h1> My Blog </h1>
      <nav>
        <a href="#"> Home </a>
        <a href="#"> About </a>
        <a href="#"> Blog </a>
        <a href="#"> Contact </a>
      </nav>
    </header>
    <div class="container">
      <aside> side bar content </aside>
      <main> Main content area </main>
    </div>
    <footer> © 2024 My Blog </footer>
  </body>
</html>
```

Output:



3. Implement a real time stock price viewer using AJAX. The system should fetch and display stock prices from a remote API. Use AJAX to make a request to stock price API and display the result on the page.

<html>

<head>

<title> Real time stock Price Viewer </title>

<style>

body {

font-family: Arial, sans-serif;

text-align: center;

padding: 20px;

}

#stock-price {

```
Font-size: 20px;
Margin-top: 20px;
Color: #333;
}

  Padding: 10px;
  Margin-right: 10px;
}
button {
  Padding: 10px 20px;
}
</style>
<script>
function fetchStockPrice() {
  if (!companySymbol) {
    alert("Please enter symbol");
    return;
  }
  const xhr = new XMLHttpRequest();
  xhr.open("Get");
  xhr.onload = function() {
    if (xhr.status === 200) {
      const response = JSON.parse(xhr.responseText);
    } else
  }
}
```

```

document.getElementById('stock-price')
}

function() {
  document.getElementById('error')
  innerHTML = "error";
}

xhr.send();
setInterval(fetchStockPrice, 6000);
</script>
</head>
<body>
<h1> Real time price </h1>
<input type="text" id="stock-symbol"
placeholder="enter stock symbol" />

</body>
</html>

```

Output:

Stock Price Viewer

Enter stock symbol : [AAPL]

Current Price of AAPL : \$xxx.xx