

EXPERIMENT 1: HTML/ HTML5 TAGS

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T11-03

AIM: To develop a webpage using HTML5

THEORY:

Here are five key **HTML elements** used in this webpage, along with their descriptions:

1. **<header>**

- **Description:** The <header> element defines the top section of the webpage and typically contains introductory content or navigation links.
- **Purpose:** In this case, it contains the title of the page ("Paradise of Pages") and a navigation bar (<nav>), which includes links to different sections of the page.

2. **<nav>**

- **Description:** The <nav> element is used to define a set of navigation links. It helps users to easily move between different sections of the webpage.
- **Purpose:** Here, it houses links like "New Releases," "Award-Winning Series," "Genres," and "Contact Us" for easy navigation.

3. **<section>**

- **Description:** The <section> element defines sections in a document, such as a chapter or thematic group of content. Each section typically has a heading.
- **Purpose:** On your page, each section (e.g., "New Releases," "Award-Winning Trilogies and Series," "Genres," and "Contact Us") is wrapped in a <section> tag to organize content clearly.

4. ** (Unordered List)**

- **Description:** The element represents an unordered list of items, where each item is typically defined by .
- **Purpose:** In the "New Releases" and "Award-Winning Trilogies and Series" sections, is used to list books with their titles and authors.

5. **<table>**

- **Description:** The <table> element is used to display data in a tabular form, with rows and columns defined by <tr>, <th>, and <td>.
- **Purpose:** In the "Genres" section, the <table> element is used to display different book genres and their descriptions in a structured, readable format.

CODE:

```
<!DOCTYPE html>
<head>
  <title>Paradise of Pages</title>
</head>
<body>
  <header>
    <h1>Paradise of Pages</h1>
    <nav>
      <a href="#new-releases">New Releases</a> |
      <a href="#award-winning-series">Award-Winning Trilogies and Series</a> |
      <a href="#genres">Genres</a> |
      <a href="#contact">Contact Us</a>
    </nav>
  </header>
  <section id="new-releases">
    <h2>New Releases</h2>
    <ul>
```

```
<li><strong>Her One True Love</strong> by Ruchita Misra</li>
<li><strong>The Zoya Factor</strong> by Anuja Chauhan</li>
<li><strong>It Happens for a Reason</strong> by Preeti Shenoy</li>
<li><strong>Independence</strong> by Chitra Banerjee Divakaruni</li>
<li><strong>Knife</strong> by Salman Rushdie</li>
<li><strong>The Hill of Enchantment</strong> by Ruskin Bond</li>
</ul>
</section>
<section id="award-winning-series">
  <h2>Award-Winning Trilogies and Series</h2>
  <ul>
    <li><strong>Harry Potter</strong> series by J.K. Rowling</li>
    <li><strong>A Song of Ice and Fire</strong> series by George R.R. Martin</li>
    <li><strong>Shiva Trilogy</strong> by Amish Tripathi</li>
  </ul>
</section>
<section id="genres">
  <h2>Genres</h2>
  <table border="1">
    <tr>
      <th>Genre</th>
      <th>Description</th>
    </tr>
    <tr>
      <td>Fiction</td>
      <td>Stories that are created from the imagination.</td>
    </tr>
    <tr>
      <td>Non-Fiction</td>
      <td>Informative books based on facts and real events.</td>
    </tr>
    <tr>
      <td>Science Fiction</td>
      <td>Books exploring futuristic concepts and technologies.</td>
    </tr>
    <tr>
```

```

        <td>Biography</td>
        <td>Books about the lives of real people.</td>
    </tr>
</table>
</section>
<section id="contact">
    <h2>Contact Us</h2>
    <form action="#" method="post">
        <label for="name">Name:</label><br>
        <input type="text" id="name" name="name"><br><br>
        <label for="email">Email:</label><br>
        <input type="email" id="email" name="email"><br><br>
        <label for="message">Message:</label><br>
        <textarea id="message" name="message"></textarea><br><br>
        <input type="submit" value="Submit">
    </form>
</section>
<footer>
    <p>Paradise of Pages, A Thadomal Shahani Engineering College Endeavour</p>
</footer>
</body>
</html>
```

OUTPUT:

Paradise of Pages

[New Releases](#) | [Award-Winning Trilogies and Series](#) | [Genres](#) | [Contact Us](#)

New Releases

- **Her One True Love** by Ruchita Misra
- **The Zoya Factor** by Anuja Chauhan
- **It Happens for a Reason** by Preeti Shenoy
- **Independence** by Chitra Banerjee Divakaruni
- **Knife** by Salman Rushdie
- **The Hill of Enchantment** by Ruskin Bond

Award-Winning Trilogies and Series

- **Harry Potter** series by J.K. Rowling
- **A Song of Ice and Fire** series by George R.R. Martin
- **Shiva Trilogy** by Amish Tripathi

Genres

Genre	Description
Fiction	Stories that are created from the imagination.
Non-Fiction	Informative books based on facts and real events.
Science Fiction	Books exploring futuristic concepts and technologies.
Biography	Books about the lives of real people.

Contact Us

Name:

Email:

Message:

Submit

CONCLUSION:

In conclusion, the HTML structure of the "Paradise of Pages" webpage effectively uses key elements to create a well-organized and user-friendly layout. The **<header>** and **<nav>** elements ensure easy navigation across sections, while the **<section>** element logically divides content into thematic areas. The **** and **<table>** elements help display lists and data in a readable format, enhancing the user experience