Experiment NO: 1

**Title**: Creating a Weekly Time Table for BE Students Using HTML.

**Objective**

To study and experiment with the understanding of HTML table tags, styling with inline attributes, and structuring web content effectively.

**Doctype and HTML Structure:-**

* **<!DOCTYPE html>:** This declares the document type and version of HTML (HTML5 in this case).
* **<html lang="en">:** The opening <html> tag specifies that the document is in English (lang="en").

**Head Section:-**

The <head> section contains meta information and the title of the document.

* <meta charset="UTF-8">: Defines the character encoding as UTF-8, ensuring proper display of text characters.
* <meta name="viewport" content="width=device-width, initial-scale=1.0">: This ensures that the page is responsive, meaning it will adjust to different screen sizes.
* <title>Time Table</title>: Sets the title of the webpage (this will appear in the browser tab).

**Body Section:-**

* Inside the <body> tag, the content of the webpage is defined.
* <h2 style="text-align: center;">Weekly Time Table</h2>: This creates a heading (<h2>) with the text "Weekly Time Table," which is centered on the page using inline CSS (style="text-align: center;").

**Table Tag:-**

The <table> tag is used to define a table structure on a webpage. Tables are used to organize data in rows and columns. The <table> tag creates the table. It has the following attributes:

* border="6": Specifies that the table should have a border of width 6 units.
* height="550": Sets the height of the table to 550 pixels.
* width="80%": Sets the table width to 80% of the page width.
* align="center": Centers the table horizontally on the page.
* rowspan="2": In some cells, the rowspan attribute is used to make the cell span multiple rows. For example, the cell S1-WT<br>S2-DBMS<br>S3-DS spans two rows.
* colspan="6": In the break and lunch rows, colspan="6" makes the "Break" and "Lunch Break" text span across all six columns.
* <thead>: Defines the header section of the table.
* <tr>: Each <tr> tag defines a row in the table. Inside the <tr>, can place cells such as headers or regular data.
* <th>: The table header cells. The text in these cells is typically bold and centered.
* <tbody>: This is where the actual data for each time slot is placed. Inside <tbody>, multiple <tr> tags define the rows for each time slot.

Each <tr> represents a row in the table.

* Within each row, <td> (table data) tags are used to specify table data or regular table cells. It holds the actual data displayed in each row and column.
* < td align="center">: Defines a table cell, and align="center" centers the content inside the cell.

**Conclusion:-**