Aim :-

To create a structured HTML table representing a monthly budget using semantic table elements as following: -

Code :-

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>my first table</title>
  <style>
    footer{
      font-size: 30px;
    }
    table,th,td
      {
        border: 2px solid black;
        border-collapse: collapse;
        padding:10px;
        margin: 10px;
        font-size: 20px;
        text-align: center;
      }
      b{
        font-size: 30px;
```

```html
        }
    </style>
</head>
<body>
    <header>
    </header>
    <main>
        <div>
            <table>
                <caption>
                    <b>Monthly Budget</b>
                </caption>
                <thead>
                    <tr>
                        <th colspan="2">Category</th>
                        <th>Amount</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        <td>Housing</td>
                        <td>Rent</td>
                        <td>Rs 15000</td>
                    </tr>
                    <tr>
                        <td>Groceries</td>
                        <td>Food/Drink</td>
                        <td>Rs 15000</td>
                    </tr>
                    <tr>
                        <td>Utilities</td>
                        <td>Electricity/Water</td>
                        <td>Rs 10000</td>
                    </tr>
                    <tr>
                        <td>Insurance</td>
                        <td>Healgth/Life</td>
                        <td>Rs 5000</td>
                    </tr>
                </tbody>
                <tfoot>
                    <tr>
                        <td colspan="3">
                            Total : Rs 45000
                        </td>
                    </tr>
```

```
                    </tfoot>
                </table>
            </div>
        </main>
        <footer>
        </footer>
    </body>
    </html>
```

Output :-

Monthly Budget

Category		Amount
Housing	Rent	Rs 15000
Groceries	Food/Drink	Rs 15000
Utilities	Electricity/Water	Rs 10000
Insurance	Healgth/Life	Rs 5000
Total : Rs 45000		

Learning Outcome :-

- In this lab, I understand the basic use of <table>, <thead>, <tbody> and <tfoot> tags in HTML document.
- Also, I understand how to use create tabular data with rows, columns, captions and spanned cells using colspan.
- Additionally, I learned how to use borders and spacing in tables for better formatting.

Aim :-

To update and display the previous academic credentials in the following format: -

Basic Academic Credentials

Qualification	Board/University	Year	Percentage/CGPA

Code :-

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>my first resume</title>
  <style>

    table,th,td
      {
        border: 2px solid black;
        border-collapse: collapse;
        padding:10px;
        margin: 10px;
        font-size: 20px;
        text-align: center;
      }
      b{
        font-size: 30px;
      }
      p{
        font-size: 20px;
      }
      img{
        width: 150px;
      }
```

```html
    </style>
</head>
<body>
  <header>
  </header>

  <main>

    <div>
      <table>
        <caption>

            <b>Basic Academic Credentials</b>

        </caption>
        <thead>
          <tr>
            <th>Qualification</th>
            <th>Board/University</th>
            <th>Year</th>
            <th>Percentage/CGPA</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td>MCA</td>
            <td>NITP</td>
            <td>2027</td>
            <td>9.47</td>
          </tr>
           <tr>
            <td>BSC</td>
            <td>DU</td>
            <td>2024</td>
            <td>8.02</td>
          </tr>
           <tr>
            <td>12<sup>th</sup></td>
            <td>KVS PATNA</td>
            <td>2021</td>
            <td>92.2%</td>
          </tr>
           <tr>
            <td>10<sup>th</sup></td>
            <td>KVS PATNA</td>
            <td>2019</td>
```

```
        <td>89.6%</td>
      </tr>
    <tfoot>
    </tfoot>
  </table>
</div>


</main>
<footer>
</footer>
</body>
</html>
```

Output :-

Basic Academic Credentials

Qualification	Board/University	Year	Percentage/CGPA
MCA	NITP	2027	9.47
BSC	DU	2024	8.02
12th	KVS PATNA	2021	92.2%
10th	KVS PATNA	2019	89.6%

Learning Outcome: -

- In this lab, I understand the basic structure of an HTML document using <html>, <head> and <body> tags.
- Also, I used <table>, <thead>, <caption>, <tr>, <td>, and <tfoot> tags for creating table.
- Additionally, I learned how to add borders to table cells.
- Also, I learned how to highlight specific captions in table.