Practice code - Table

Problem Statement 1: Table without border

Create a webpage that displays a simple table without borders.

Person 1	Person 2	Person 3
Emil	Tobias	Linus
16	14	10

Problem Statement 2: Table creation with border

Create a webpage that displays a running champion table list, which has first name, last name, and grade of champions.

Running Champions list

Name		Grade
Jill	Smith	4
Eve	Jackson	7
Jill	Jackson	9
Eve	Smith	2

Problem Statement 3: Report Card

Create a webpage that displays the student report card. The report card should have the basic details(name, grade, and address of the student), subject names with mark and total mark.

Student Report card

Name: Name			5
Address: door number,street,City, PIN, STATE			
English	Maths	Science	Social
80	88	79	92
Total			339

Problem Statement 4: Shopping bill

Create a shopping bill with help of the following sample output.

<div align="center">

Shopping bill

Invoice #123456789	18 January 2022

Pay to: Acme Billing Co. 123 Main St. Cityville, NA 12345	Customer: John Smith 321 Willow Way Southeast Northwestershire, MA 54321

Name / Description	Qty.	@	Cost
Paperclips	1000	0.01	10.00
Staples (box)	100	1.00	100.00
Subtotal			110.00
Tax		8%	8.80
Grand Total			Rs. 118.80

</div>

Problem Solution:

Problem Statement 1:

```
<!DOCTYPE html>
<html>
<body>
<h2>Table</h2>
<table style="width:100%">
  <tr>
    <th>Person 1</th>
    <th>Person 2</th>
    <th>Person 3</th>
  </tr>
  <tr>
    <td>Emil</td>
    <td>Tobias</td>
    <td>Linus</td>
  </tr>
  <tr>
    <td>16</td>
    <td>14</td>
    <td>10</td>
  </tr>
</table>
</body>
</html>
```

Problem Statement 2:

```html
<!DOCTYPE html>
<html>
<head>
 <title>HTML Tables</title>
</head>
<body>
 <h1>Running Champions list</h1>
 <table border="1" style="width:30%">
   <!--Header row-->
   <tr>
     <th colspan="2">Name</th>
     <th>Grade</th>
   </tr>
   <!--Data row 1-->
   <tr>
     <td>Jill</td>
     <td>Smith</td>
     <td>4</td>
   </tr>
   <!--Data row 2-->
   <tr>
     <td>Eve</td>
     <td>Jackson</td>
     <td>7</td>
   </tr>
   <!--Data row 3-->
   <tr>
     <td>Jill</td>
     <td>Jackson</td>
     <td>9</td>
   </tr>
   <!--Data row 4-->
   <tr>
     <td>Eve</td>
     <td>Smith</td>
     <td>2</td>
   </tr>
 </table>
</body>
</html>
```

Problem Statement 3:

```html
<!DOCTYPE html>
<html>
 <head>
    <title>HTML Tables</title>
 </head>
 <body>
    <table border="1">
      <!--Caption/ title for the table-->
      <caption>Student Report card</caption>
      <!--Row 1 defines the name and grade of the student-->
      <!--Total 4 columns are splitted into 3 and 1-->
      <tr>
        <td colspan="3">Name: Name</td>
        <td>5</td>
      </tr>
      <!--Row 2, all columns are merged-->
      <tr>
        <td colspan="4">
          Address:<br> door number,street,City, PIN, STATE
        </td>
      </tr>
      <!--Row 3, Defined as the heading to highlight them, no spanning is done-->
      <tr>
        <th>English</th>
        <th>Math</th>
        <th>Science</th>
        <th>Social</th>
      </tr>
      <!--Row 4, no spanning-->
      <tr>
        <td>80</td>
        <td>88</td>
        <td>79</td>
        <td>92</td>
      </tr>
      <!--Row 5, 4 columns are splitted into 3 and 1-->
      <tr>
        <th colspan="3">Total</th>
        <th>339</th>
      </tr>
    </table>
 </body>
</html>
```

Problem Statement 4:

```html
<!DOCTYPE html>
<html>
 <head>
   <title>HTML Tables</title>
 </head>
 <body>
   <table border="1">
     <!--Caption/ title for the table-->
     <caption>Shopping bill</caption>
     <!--Total 4 columns are splitted into 3 and 1-->
     <tr>
       <th colspan="3">Invoice #123456789</th>
       <th>18 January 2022</th>
     </tr>
     <!--Total 4 columns are splitted into 2 and 2-->
     <tr>
       <td colspan="2"><strong>Pay to:</strong><br> Acme Billing Co.<br> 123
           Main St.<br> Cityville, NA 12345</td>
       <td colspan="2"><strong>Customer:</strong><br> John Smith<br> 321
           Willow Way<br> Southeast Northwestershire, MA 54321</td>
     </tr>
     <!--no spanning is done the size of each column varies depending on the
data length-->
     <tr>
       <th>Name / Description</th>
       <th>Qty.</th>
       <th>@</th>
       <th>Cost</th>
     </tr>
      <!--no spanning is done the size of each column varies depending on
the data length of the headers row-->
     <tr>
       <td>Paperclips</td>
       <td>1000</td>
       <td>0.01</td>
       <td>10.00</td>
     </tr>
     <!--no spanning is done the size of each column varies depending on the
data length of the headers row-->
     <tr>
```

```html
      <td>Staples (box)</td>
      <td>100</td>
      <td>1.00</td>
      <td>100.00</td>
    </tr>
    <!--Total 4 columns are splitted into 3 and 1-->
    <tr>
      <th colspan="3">Subtotal</th>
      <td>110.00</td>
    </tr>
    <!--Total 4 columns are splitted into 2, 1 and 1-->
    <tr>
      <th colspan="2">Tax</th>
      <td>8%</td>
      <td>8.80</td>
    </tr>
    <!--Total 4 columns are splitted into 3 and 1-->
    <tr>
      <th colspan="3">Grand Total</th>
      <td>Rs. 118.80</td>
    </tr>
  </table>
 </body>
</html>
```