



I.K. Gujral Punjab Technical University

Assignment-I

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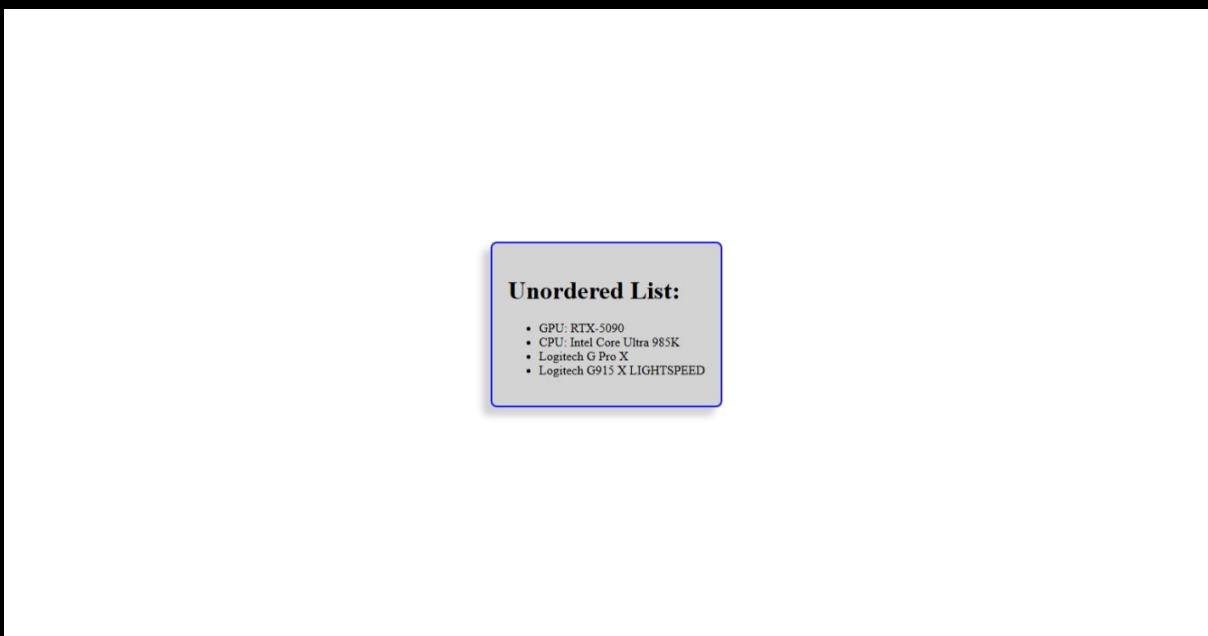
Course : B.Tech - CSE

- Write HTML code to create the unordered list.

HTML Code:

```
● ● ●
1 </head>
2 <style>
3 body{
4     display: flex;
5     justify-content: center;
6     align-items: center;
7 }
8 .list{
9     border: 2px solid blue;
10    border-radius: 8px;
11    padding: 20px;
12    margin: auto;
13    width: fit-content;
14    background-color: lightgray;
15    box-shadow: -10px 10px 8px 1px lightgray;
16    transition: transform 0.05s;
17 }
18 .list:hover{
19     box-shadow: -10px 10px 8px 1px rgb(128, 128, 128);
20     transform: scale(1.05)
21 }
22 </style>
23 <body>
24     <div class="list">
25         <h1>Unordered List:</h1>
26         <ul>
27             <li>GPU: RTX-5090</li>
28             <li>CPU: Intel Core Ultra 985K</li>
29             <li>Logitech G Pro X</li>
30             <li>Logitech G915 X LIGHTSPEED</li>
31         </ul>
32     </div>
33 </body>
34 </html>
```

Result:

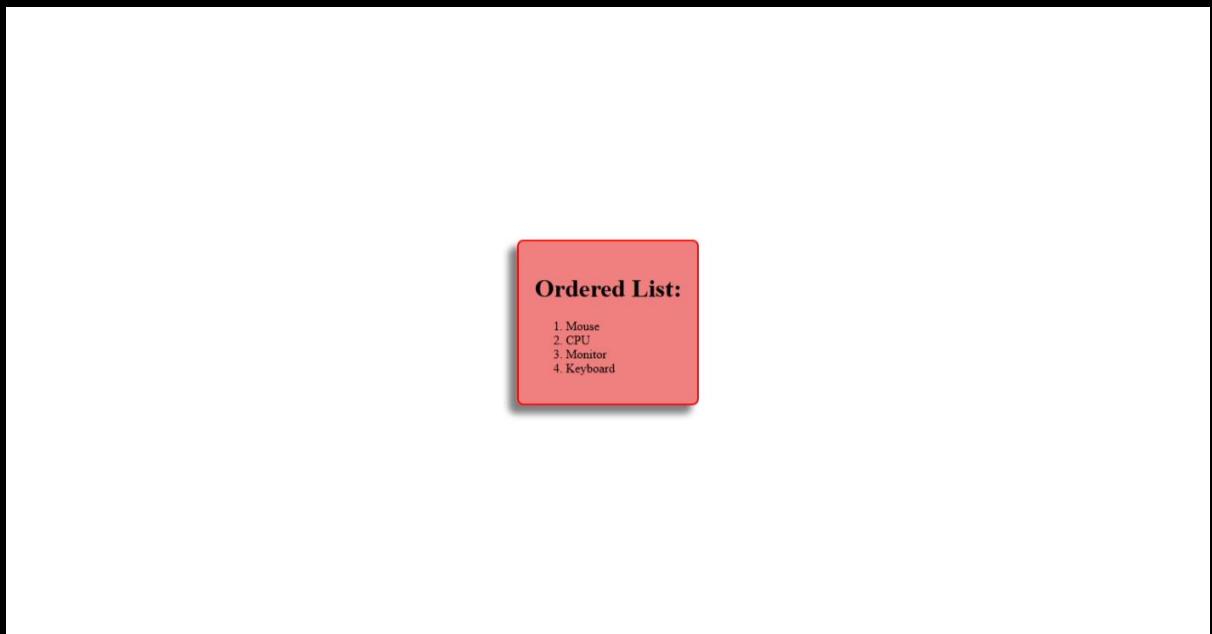


- Write HTML code to create the ordered list.

HTML Code:

```
● ● ●  
1 </head>  
2 <style>  
3 body{  
4     display: flex;  
5     justify-content: center;  
6     align-items: center;  
7 }  
8 .list{  
9     border: 2px solid red;  
10    border-radius: 8px;  
11    padding: 20px;  
12    margin: auto;  
13    width: fit-content;  
14    background-color: lightcoral;  
15    box-shadow: -10px 10px 8px 1px rgb(128, 128, 128);  
16    transition: transform 0.05s ease-in-out;  
17 }  
18 .list:hover{  
19     box-shadow: -10px 10px 20px 1px rgb(128, 128, 128);  
20     transform: scale(1.05);  
21 }  
22 </style>  
23 <body>  
24     <div class="list">  
25         <h1>Ordered List:</h1>  
26         <ol>  
27             <li>Mouse</li>  
28             <li>CPU</li>  
29             <li>Monitor</li>  
30             <li>Keyboard</li>  
31         </ol>  
32     </div>  
33 </body>  
34 </html>
```

Result:



- Write HTML code to create the definition list.

HTML Code:

```
 1 <html>
 2   <head>
 3     <style>
 4       body{
 5         display: flex;
 6         justify-content: center;
 7         align-items: center;
 8       }
 9       .definition{
10         border: 2px solid;
11         padding: 20px;
12         border-radius:10px;
13         background-color:blanchedalmond;
14         display: flex;
15         flex-direction: column;
16         align-items: center;
17         transition: 0.4s ease-in-out;
18       }
19       .definition:hover{
20         box-shadow: -10px 10px 10px 1px rgb(12,12,12);
21         border-color: blanchedalmond;
22         transform:scale(1.01);
23       }
24     dt{
25       font-family:'Times New Roman', Times, serif;
26       font-weight:bolder;
27       display: flex;
28       flex-direction: column;
29       align-items: center;
30     }
31     dd{
32       font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman', serif;
33     }
34   </style>
35 </head>
36 <body>
37   <div class="definition">
38     <h1>Definition List</h1>
39     <dl>
40       <dt>NVIDIA RTX 5090</dt>
41       <dd>A high-end GPU with 21,760 CUDA cores and 32GB GDDR7 memory, ideal for 4K gaming and AI tasks.</dd>
42       <dt>Intel Core Ultra 9 285K</dt>
43       <dd>A top-tier CPU from Intel's Arrow Lake series, optimized for gaming and productivity with PCIe 5.0 support.</dd>
44       <dt>Logitech G Pro X Superlight 2</dt>
45       <dd>A lightweight wireless gaming mouse with a 32,000 DPI sensor, perfect for competitive gaming.</dd>
46       <dt>Logitech G915 X LIGHTSPEED</dt>
47       <dd>A low-profile wireless keyboard with customizable switches and an 8,000 Hz polling rate.</dd>
48     </dl>
49   </div>
50 </body>
51 </html>
```

Result:

Definition List

NVIDIA RTX 5090
A high-end GPU with 21,760 CUDA cores and 32GB GDDR7 memory, ideal for 4K gaming and AI tasks.

Intel Core Ultra 9 285K
A top-tier CPU from Intel's Arrow Lake series, optimized for gaming and productivity with PCIe 5.0 support.

Logitech G Pro X Superlight 2
A lightweight wireless gaming mouse with a 32,000 DPI sensor, perfect for competitive gaming.

Logitech G915 X LIGHTSPEED
A low-profile wireless keyboard with customizable switches and an 8,000 Hz polling rate.

- Write HTML code to insert an image.

HTML Code:

```
1 <html>
2     <head>
3         <style>
4             body{
5                 background: linear-gradient(45deg, rgb(160, 160, 160),rgb(170, 170, 170)
6                     , rgb(187, 187, 187),rgb(202, 202, 202),rgb(235, 235, 235),white, white);
7                 display: flex;
8                 align-items: center;
9                 justify-content: center;
10                flex-direction: column;
11            }
12            .image-container{
13                display: flex;
14                justify-content: center;
15                max-width: 100%;
16                flex-wrap: wrap;
17                gap: 30px;
18            }
19            img{
20                border-radius: 10px;
21                border: 2px solid black;
22                padding: 1%;
23                max-width: 350px;
24                max-height: 350px;
25                transition: 0.3s all;
26            }
27            img:hover{
28                transform: scale(1.05);
29                box-shadow: -10px 10px 8px rgb(46, 46, 46,40%);
30            }
31            h1{
32                font-family:'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
33                font-weight: bolder;
34            }
35        </style>
36    </head>
37    <body>
38        <h1>Image Showcase</h1>
39        <div class="image-container">
40            
41            
42            
43            
44            
45            
46        </div>
47    </body>
48 </html>
```

Result:

Image Showcase



- Write HTML code for placing text between two images.

HTML code:

```
● ● ●
1 <html>
2 <head>
3     <style>
4         body {
5             background: #f5f5f5;
6             display: flex;
7             justify-content: center;
8             align-items: center;
9             height: 100vh;
10            margin: 0;
11            font-family: Arial, sans-serif;
12        }
13
14        .row {
15            display: flex;
16            align-items: center;
17            gap: 20px;
18        }
19
20        .row img {
21            width: 500px;
22            height: auto;
23            border-radius: 8px;
24            border: 2px solid black;
25        }
26
27        .text-between {
28            font-size: 20px;
29            font-weight: bold;
30            color: #333;
31            padding: 0 10px;
32        }
33    </style>
34 </head>
35 <body>
36     <div class="row">
37         
38         <div class="text-between">This is an example of text between images!</div>
39         
40     </div>
41 </body>
42 </html>
43
```

Result:



This is an example of text between images!

```
<a href="#">Index.html</a>
<a href="#">Home</a>
<a href="#">Multi-Content.html</a>
<a href="#">Vertical Column Menu on Larger Screens</a>
<a href="#">Tall Button Header.html</a>
<a href="#">Tall Button Number.html</a>
<a href="#">Tall Logo.html</a>
<a href="#">Tall Logo Image.html</a>
<a href="#">Carousel.html</a>
<a href="#">Variable Width Slider.html</a>
<a href="#">Testimonial Slider.html</a>
<a href="#">Featured Work Slider.html</a>
<a href="#">Equal Column Slider.html</a>
<a href="#">Video Slider.html</a>
<a href="#">Mini Bootstrap Carousel.html</a>
```

- Write the HTML code for placing images in the corner of html page.

HTML Code:

```
1 <html>
2 <head>
3     <style>
4         body {
5             margin: 0;
6             padding: 0;
7             background: #f3f3f3;
8             position: relative;
9             height: 100vh;
10            overflow: hidden;
11            display: flex;
12            justify-content: center;
13        }
14        img{
15            transition: 0.3s all;
16        }
17        img.corner {
18            position: absolute;
19            width: 250px;
20            height: auto;
21            border: 2px solid black;
22            border-radius: 8px;
23        }
```

```
.top-left {
    top: 10px;
    left: 10px;
}

.top-right {
    top: 10px;
    right: 10px;
}

.bottom-left {
    bottom: 10px;
    left: 10px;
}

.bottom-right {
    bottom: 10px;
    right: 10px;
}

h1 {
    text-align: center;
    margin-top: 40vh;
    font-family: Arial, sans-serif;
}

img:hover{
    box-shadow: -10px 10px 12px rgb(0, 0, 0, 50%);
    transform: scale(1.05);
}

</style>
</head>
<body>
    
    
    
    

    <h1>This is an example of images in corner</h1>
</body>
</html>
```

Devault



This is an example of images in corner



- Write HTML code to display the usage of internal linking on web page.

HTML Code:

```
 1 <html>
 2   <head>
 3     <style>
 4       html{
 5         scroll-behavior: smooth;
 6       }
 7       body{
 8         background: linear-gradient(45deg, rgb(160, 160, 160),rgb(170, 170, 170)
 9           , rgb(187, 187, 187),rgb(202, 202, 202),rgb(235, 235, 235),white, white);
10         display: flex;
11         align-items: center;
12         justify-content: center;
13         flex-direction: column;
14       }
15       .image-container{
16         display: flex;
17         flex-direction: column;
18         justify-content: center;
19         max-width: 100%;
20         flex-wrap: wrap;
21         gap: 100px;
22       }
23       img{
24         border-radius: 10px;
25         border: 2px solid black;
26         padding: 1%;
27         max-width: 350px;
28         max-height: 350px;
29         transition: 0.3s all;
30       }
31       img:hover{
32         transform: scale(1.05);
33         box-shadow: -10px 10px 8px rgb(46, 46, 46,40%);
34       }
35       h1{
36         font-family:'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
37         font-weight: bolder;
38       }
39
40       .hanger{
41         position: fixed;
42         top: 40%;
43         right: 20px;
44         background: #ffffff;
45         border: 2px solid black;
46         padding: 20px;
47         border-radius: 10px;
48         z-index: 999;
49         transition: 0.4s all;
50       }
51     }
52     .hanger:hover{
53       box-shadow: -10px 10px 12px rgba(0,0,0,0.3);
54     }
55
56   </style>
57 </head>
```

```
<body>
  <h1>Internal Linking Showcase</h1>
  <div class="image-container">
    
    
    
    
    
    
  </div>
  <div class="hanger">
    <h1>Internal Linking</h1>
    <ul>
      <li><a href="#first">First Image</a> </li>
      <li><a href="#second">Second Image</a> </li>
      <li><a href="#third">Third Image</a> </li>
      <li><a href="#fourth">Fourth Image</a> </li>
      <li><a href="#fifth">Fifth Image</a> </li>
      <li><a href="#sixth">Sixth Image</a> </li>
    </ul>
  </div>
</body>
</html>
```

Result:

Internal Linking Showcase



Internal Linking

- [First Image](#)
- [Second Image](#)
- [Third Image](#)
- [Fourth Image](#)
- [Fifth Image](#)
- [Sixth Image](#)



- Write HTML code to display the usage of external linking on web page.

HTML Code:

```
1 <html>
2   <head>
3     <style>
4       html{
5         scroll-behavior: smooth;
6       }
7       body{
8         background: linear-gradient(45deg, rgb(160, 160, 160),rgb(170, 170, 170)
9           , rgb(187, 187, 187),rgb(202, 202, 202),rgb(235, 235, 235),white, white);
10        display: flex;
11        align-items: center;
12        justify-content: center;
13        flex-direction: column;
14      }
15      .image-container{
16        display: flex;
17        flex-direction: column;
18        justify-content: center;
19        max-width: 100%;
20        flex-wrap: wrap;
21        gap: 100px;
22      }
23      img{
24        border-radius: 10px;
25        border: 2px solid black;
26        padding: 1%;
27        max-width: 350px;
28        max-height: 350px;
29        transition: 0.3s all;
30      }
31      img:hover{
32        transform: scale(1.05);
33        box-shadow: -10px 10px 8px rgb(46, 46, 46,40%);
34      }
35      h1{
36        font-family:'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
37        font-weight: bolder;
38      }
39
40      .hanger{
41        position: fixed;
42        top: 40%;
43        right: 20px;
44        background: #ffffff;
45        border: 2px solid black;
46        padding: 20px;
47        border-radius: 10px;
48        z-index: 999;
49        transition: 0.4s all;
50      }
51      .hanger:hover{
52        box-shadow: -10px 10px 12px rgba(0,0,0,0.3);
53      }
54
55      </style>
56    </head>
57    <body>
```

```
<body>
  <h1>External Linking Showcase</h1>
  <div class="image-container">
    
    
    
    
    
    
  </div>
  <div class="hanger">
    <h1>External Linking</h1>
    <ul>
      <li><a href="https://www.google.com/" target="_blank">Google</a> </li>
      <li><a href="https://www.bing.com/" target="_blank">Bing</a> </li>
      <li><a href="https://www.yahoo.com/" target="_blank">Yahoo</a> </li>
      <li><a href="https://duckduckgo.com/" target="_blank">Duck Duck Go</a> </li>
      <li><a href="https://www.ecosia.org/" target="_blank">Ecosia</a> </li>
      <li><a href="https://yandex.com/" target="_blank">Yandex</a> </li>
    </ul>
  </div>
</body>
</html>
```

Result:

External Linking Showcase



External Linking

- [Google](#)
- [Bing](#)
- [Yahoo](#)
- [Duck Duck Go](#)
- [Ecosia](#)
- [Yandex](#)



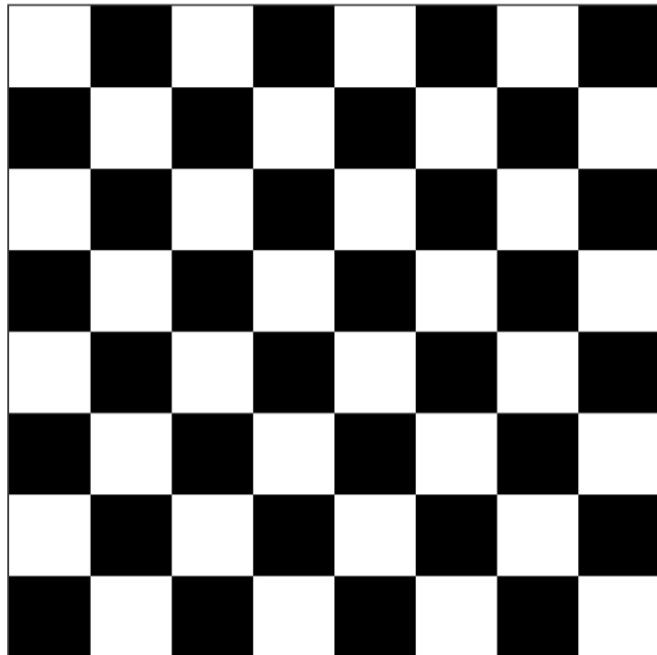
- Write HTML code to generate the board of the chess.

HTML CODE:

```
● ● ●
1 <html>
2   <head>
3     <style>
4       .chessboard {
5         width: 720px;
6         height: 720px;
7         margin: 30px auto;
8         border: 2px solid #333;
9         font-size: 0;
10        transition: 0.4s all;
11      }
12      .chessboard:hover{
13        box-shadow: -10px 10px 12px rgb(0, 0, 0, 30%);
14      }
15      .square {
16        width: 90px;
17        height: 90px;
18        display: inline-block;
19      }
20      .white {
21        background-color: white;
22      }
23      .black {
24        background-color: black;
25      }
26
27    </style>
28  </head>
29  <body>
30    <div class="chessboard">
31      <div class="square white"></div>
32      <div class="square black"></div>
33      <div class="square white"></div>
34      <div class="square black"></div>
35      <div class="square white"></div>
36      <div class="square black"></div>
37      <div class="square white"></div>
38      <div class="square black"></div>
39
40      <div class="square black"></div>
41      <div class="square white"></div>
42      <div class="square black"></div>
43      <div class="square white"></div>
44      <div class="square black"></div>
45      <div class="square white"></div>
46      <div class="square black"></div>
47      <div class="square white"></div>
48
```

```
48
49
50     <div class="square white"></div>
51     <div class="square black"></div>
52     <div class="square white"></div>
53     <div class="square black"></div>
54     <div class="square white"></div>
55     <div class="square black"></div>
56     <div class="square white"></div>
57     <div class="square black"></div>
58
59     <div class="square black"></div>
60     <div class="square white"></div>
61     <div class="square black"></div>
62     <div class="square white"></div>
63     <div class="square black"></div>
64     <div class="square white"></div>
65     <div class="square black"></div>
66     <div class="square white"></div>
67
68     <div class="square white"></div>
69     <div class="square black"></div>
70     <div class="square white"></div>
71     <div class="square black"></div>
72     <div class="square white"></div>
73     <div class="square black"></div>
74     <div class="square white"></div>
75     <div class="square black"></div>
76
77     <div class="square black"></div>
78     <div class="square white"></div>
79     <div class="square black"></div>
80     <div class="square white"></div>
81     <div class="square black"></div>
82     <div class="square white"></div>
83     <div class="square black"></div>
84     <div class="square white"></div>
85
86     <div class="square white"></div>
87     <div class="square black"></div>
88     <div class="square white"></div>
89     <div class="square black"></div>
90     <div class="square white"></div>
91     <div class="square black"></div>
92     <div class="square white"></div>
93     <div class="square black"></div>
94
95     <div class="square black"></div>
96     <div class="square white"></div>
97     <div class="square black"></div>
98     <div class="square white"></div>
99     <div class="square black"></div>
100    <div class="square white"></div>
101    <div class="square black"></div>
102    <div class="square white"></div>
103  </div>
104 </body>
105</html>
```

Result:



- Write HTML code for creating student table.

HTML Code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>Student Table</title>
5     <style>
6         table {
7             width: 70%;
8             margin: 50px auto;
9             border-collapse: collapse;
10            font-family: Arial, sans-serif;
11        }
12
13        th, td {
14            border: 2px solid #444;
15            padding: 12px;
16            text-align: center;
17        }
18
19        th {
20            background-color: #ddd;
21        }
22
23        tr:nth-child(even) {
24            background-color: #f9f9f9;
25        }
26
27        tr:hover {
28            background-color: rgb(201, 249, 255);
29        }
30    </style>
31 </head>
```

```

32 <body>
33
34     <h2 style="text-align:center;">Student Details Table</h2>
35
36     <table>
37         <tr>
38             <th>Roll No</th>
39             <th>Name</th>
40             <th>Course</th>
41             <th>Marks</th>
42         </tr>
43         <tr>
44             <td>2438131</td>
45             <td>Amrita Chaturvedi</td>
46             <td>B.Tech-CSE</td>
47             <td>99</td>
48         </tr>
49         <tr>
50             <td>2438168</td>
51             <td>Chhavi</td>
52             <td>B.Tech-CSE</td>
53             <td>84</td>
54         </tr>
55         <tr>
56             <td>2438108</td>
57             <td>Aditya</td>
58             <td>B.Tech-CSE</td>
59             <td>88</td>
60         </tr>
61     </table>
62
63 </body>
64 </html>
65

```

Result:

Student Details Table

Roll No	Name	Course	Marks
2438131	Amrita Chaturvedi	B.Tech-CSE	99
2438168	Chhavi	B.Tech-CSE	84
2438108	Aditya	B.Tech-CSE	88

- Write a HTML code to design following table

RENT	SHOP	2500
	HOUSE	1500
FOOD	PURCHASE	1200
	HOTEL	2400
VEHICLES	BIKE	1400
	CARS	2000
	TOTAL	10000

HTML Code:

```

1  <!DOCTYPE html>
2  <html>
3  <head>
4      <h1>Custom Table</h1>
5      <style>
6          body{
7              display: flex;
8              flex-direction: column;
9              align-items: center;
10             margin-top: 10%;
11         }
12         table {
13             border-collapse: collapse;
14             margin: 50px auto;
15             font-family: Arial, sans-serif;
16         }
17         td {
18             border: 2px solid black;
19             padding: 10px 20px;
20             text-align: center;
21             font-weight: bold;
22         }
23     </style>
24 </head>
```

```
25 <body>
26     <table>
27         <tr>
28             <td rowspan="2">RENT</td>
29             <td>SHOP</td>
30             <td>2500</td>
31         </tr>
32         <tr>
33             <td>HOUSE</td>
34             <td>1500</td>
35         </tr>
36         <tr>
37             <td rowspan="2">FOOD</td>
38             <td>PURCHASE</td>
39             <td>1200</td>
40         </tr>
41         <tr>
42             <td>HOTEL</td>
43             <td>2400</td>
44         </tr>
45         <tr>
46             <td rowspan="2">VEHICLES</td>
47             <td>BIKE</td>
48             <td>1400</td>
49         </tr>
50         <tr>
51             <td>CARS</td>
52             <td>2000</td>
53         </tr>
54         <tr>
55             <td colspan="2">TOTAL</td>
56             <td>1000</td>
57         </tr>
58     </table>
59 </body>
60 </html>
61
```

Result:

Custom Table

RENT	SHOP	2500
	HOUSE	1500
FOOD	PURCHASE	1200
	HOTEL	2400
VEHICLES	BIKE	1400
	CARS	2000
	TOTAL	1000

- Write HTML code to design the frame.

Frame1	Frame2
Frame3	frame4

HTML Code:

```
 1 <html>
 2 <head>
 3     <h1>Custom Table 2</h1>
 4     <style>
 5         body{
 6             display: flex;
 7             flex-direction: column;
 8             align-items: center;
 9             margin-top: 10%;
10         }
11         table {
12             border-collapse: collapse;
13             margin: 10px auto;
14             font-family: Arial, sans-serif;
15         }
16         td {
17             border: 2px solid black;
18             padding: 10px 20px;
19             text-align: center;
20             font-weight: bold;
21             vertical-align: top;
22         }
23         .row1{
24             height: 200px;
25         }
26     </style>
27 </head>
```

```
28 <body>
29     <table>
30         <tr class="row1">
31             <td>Frame1</td>
32             <td colspan="2">Frame2</td>
33         </tr>
34         <tr class>
35             <td>Frame3</td>
36             <td>Frame4</td>
37             <td>Frame5</td>
38         </tr>
39     </table>
40 </body>
41 </html>
42
```

Result:

Custom Table 2

Frame1	Frame2
Frame3	Frame4

- Write HTML code to create an image map on India map.

HTML Code:

```

1 <head>
2   <style>
3     .hanger{
4       position: fixed;
5       top: 30%;
6       right: 20px;
7       background: #ffffff;
8       border: 2px solid black;
9       padding: 20px;
10      border-radius: 10px;
11      z-index: 999;
12      transition: 0.4s all;
13    }
14    .hanger:hover{
15      box-shadow: -10px 10px 12px rgba(0,0,0,0.3);
16    }
17  </style>
18 </head>
19 <body>
20   <h1>India Map with Clickable Regions</h1>
21   
22
23   <map name="indiaMap">
24     <area shape="poly" coords="240,691,247,689,259,691,261,677,262,666,266,662,280,653,295,654,298,641,308,639,314,
25       641,327,628,341,611,355,607,359,601,366,586,374,565,386,571,402,576,410,575,416,573,426,601,433,584,448,573,435,
26       562,441,548,437,526,421,511,392,515,365,517,352,519,349,505,336,509,321,523,289,512,271,514,248,502,256,516,240,
27       542,230,556,211,565,215,592,226,585,217,604,224,644,228,671"
28     href="https://en.wikipedia.org/wiki/Maharashtra" target="_blank" alt="Maharashtra">
29
30     <area shape="poly" coords="385,417,380,410,377,401,381,397,392,393,408,398,432,393,437,399,442,402,451,402,456,396,
31       468,395,475,485,487,411,493,413,502,426,502,435,510,432,512,425,516,409,516,402,526,395,539,388,546,384,538,375,537,
32       362,535,346,527,328,508,325,500,325,488,316,464,309,446,307,430,291,417,288,405,281,395,273,387,264,386,257,360,255,357,
33       243,356,237,342,246,341,254,339,273,339,287,346,299,350,321,349,329,350,337,360,338,365,338,382,351,397,363,390,374,387,
34       379,381,384"
35     href="https://en.wikipedia.org/wiki/Uttar_Pradesh" target="_blank" alt="Uttar Pradesh">
36
37     <area shape="poly" coords="344,910,342,902,345,895,346,883,350,870,343,865,346,858,346,851,333,846,332,840,331,825,323,
38       817,319,811,325,805,329,810,340,804,360,799,352,791,354,784,354,778,362,777,367,776,380,780,381,774,391,771,400,769,415,
39       765,425,756,429,763,438,771,426,780,425,787,422,791,417,799,413,807,414,816,415,823,415,836,413,849,399,883,367,898,358,908"
40     href="https://en.wikipedia.org/wiki/Tamil_Nadu" target="_blank" alt="Tamil Nadu">
41
42     <area shape="poly" coords="264,469,266,459,266,446,273,435,273,420,273,404,288,401,298,413,302,427,293,440,311,431,329,425,
43       332,408,344,400,334,394,318,395,325,377,338,368,350,360,365,352,371,347,351,333,346,320,331,320,331,304,312,314,306,314,294,
44       296,288,280,279,271,265,270,264,243,248,242,245,237,240,245,226,261,215,281,198,298,189,310,172,316,158,317,145,308,140,319,
45       124,339,121,349,131,359,138,365,137,376,145,382,152,382,157,391,161,405,167,414,182,416,193,420,207,421,215,422,225,431,228,
46       443,232,450,239,453,251,465"
47     href="https://en.wikipedia.org/wiki/Rajasthan" target="_blank" alt="Rajasthan">
48   </map>
49   <div class="hanger">
50     <h1>Only Several Parts</h1>
51     <h1>are mapped in this map</h1>
52     <h1>due to complicity</h1>
53     <p>Clickables: </p>
54     <ul>
55       <li>Maharashtra</li>
56       <li>Uttar Pradesh</li>
57       <li>Tamil Nadu</li>
58       <li>Rajasthan</li>
59     </ul>
60   </div>
61
62   <p>Click on a state to visit its Wikipedia page.</p>
63 </body>
64 </html>

```

Result:

India Map with Clickable Regions



**Only Several Parts
are mapped in this map
due to complicity**

Clickable:

- Maharashtra
- Uttar Pradesh
- Tamil Nadu
- Rajasthan

- Write HTML code to create an order form by a customer.

HTML Code:

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <style>
5         body {
6             font-family: Arial, sans-serif;
7             max-width: 600px;
8             margin: 20px auto;
9             padding: 20px;
10            background-color: rgb(170, 255, 220, 50%);
11        }
12        .form-container {
13            background-color: rgb(170, 255, 220);
14            padding: 20px;
15            border-radius: 8px;
16            box-shadow: 0 0 10px rgba(0,0,0,0.4);
17        }
18        label {
19            display: block;
20            margin: 10px 0 5px;
21            font-weight: bold;
22        }
23        input, select, textarea {
24            width: 100%;
25            padding: 8px;
26            margin-bottom: 10px;
27            border: 1px solid #cccc;
28            border-radius: 4px;
29            box-sizing: border-box;
30        }
31        button {
32            background-color: #28a745;
33            color: white;
34            padding: 10px 20px;
35            border: none;
36            border-radius: 4px;
37            cursor: pointer;
38            transition: 0.4s all;
39        }
40        button:hover {
41            background-color: #218838;
42            box-shadow: -2px 2px 12px rgba(0,0,0,0.5);
43        }
44        h2{
45            text-align: center;
46        }
47    </style>
48 </head>
49 <body>
50     <div class="form-container">
51         <h2>Customer Order Form</h2>
52         <form id="orderForm">
53             <label for="name">Full Name</label>
54             <input type="text" id="name" name="name" placeholder="Enter your full name" required>
55
56             <label for="email">Email Address</label>
57             <input type="email" id="email" name="email" placeholder="Enter your email" required>
58
59             <label for="phone">Phone Number</label>
60             <input type="tel" id="phone" name="phone" placeholder="Enter your phone number" required>
61
62             <label for="product">Select Product</label>
63             <select id="product" name="product" required>
64                 <option value="" disabled selected>Select a product</option>
65                 <option value="GPU">RTX 5090 - $1999</option>
66                 <option value="CPU">Intel I9 13th Gen - $999</option>
67                 <option value="Mouse">Mouse - $199</option>
68                 <option value="Monitor">Monitor - $399</option>
69             </select>
70
71             <label for="quantity">Quantity</label>
72             <input type="number" id="quantity" name="quantity" min="1" value="1" required>
73
74             <label for="address">Shipping Address</label>
75             <textarea id="address" name="address" rows="4" placeholder="Enter shipping address" required></textarea>
76
77             <label for="comments">Details</label>
78             <textarea id="comments" name="comments" rows="4" placeholder="Any special Details"></textarea>
79
80             <button type="button" onclick="submitOrder()">Submit Order</button>
81         </form>
82     </div>
83 </body>
84 </html>

```

Result:

Customer Order Form

Full Name

Email Address

Phone Number

Select Product

Quantity

Shipping Address

Details

Submit Order

- Write HTML code to display application form by an employee.

HTML Code:

```

1 <head>
2     <style>
3         h2{
4             text-align: center;
5         }
6         body {
7             font-family: Arial, sans-serif;
8             max-width: 700px;
9             margin: 20px auto;
10            padding: 20px;
11            background-color: rgb(233, 159, 255,30%);
12        }
13        .form-container {
14            background-color: rgb(233, 159, 255,70%);
15            padding: 25px;
16            border-radius: 8px;
17            box-shadow: 0 0 12px rgba(0,0,0,0.1);
18        }
19        label {
20            display: block;
21            margin: 10px 0 5px;
22            font-weight: bold;
23        }
24        input, select, textarea {
25            width: 100%;
26            padding: 10px;
27            margin-bottom: 15px;
28            border: 1px solid #ccc;
29            border-radius: 4px;
30            box-sizing: border-box;
31        }
32        button {
33            background-color: rgb(195, 0, 255);
34            color: white;
35            padding: 12px 25px;
36            border: none;
37            border-radius: 4px;
38            cursor: pointer;
39        }
40        button:hover {
41            background-color: #0056b3;
42        }
43        .section-title {
44            margin-top: 20px;
45            font-size: 1.2em;
46            color: #333;
47        }
48    </style>
49 </head>
50 <body>
51     <div class="form-container">
52         <h2>Employee Application Form</h2>
53         <form id="applicationForm">
54             <div class="section-title">Personal Information</div>
55             <label for="fullName">Full Name</label>
56             <input type="text" id="fullName" name="fullName" placeholder="Enter your full name" required>
57
58             <label for="email">Email Address</label>
59             <input type="email" id="email" name="email" placeholder="Enter your email" required>
60
61             <label for="phone">Phone Number</label>
62             <input type="tel" id="phone" name="phone" placeholder="Enter your phone number" required>
63
64             <label for="address">Address</label>
65             <textarea id="address" name="address" rows="4" placeholder="Enter your address" required></textarea>
66
67             <div class="section-title">Education</div>
68             <label for="highestDegree">Highest Degree</label>
69             <select id="highestDegree" name="highestDegree" required>
70                 <option value="" disabled selected>Select your highest degree</option>
71                 <option value="highSchool">12th Pass</option>
72                 <option value="bachelor">B.Tech</option>
73                 <option value="master">M.Tech</option>
74                 <option value="phd">Ph.D.</option>
75                 <option value="other">Other</option>
76             </select>
77
78             <label for="institution">Institution Name</label>
79             <input type="text" id="institution" name="institution" placeholder="Enter institution name" required>
80
81             <label for="gradYear">Year of Graduation</label>
82             <input type="number" id="gradyear" name="gradYear" min="1980" max="2025" placeholder="Enter graduation year" required>
83
84             <div class="section-title">Work Experience</div>
85             <label for="recentJob">Most Recent Job Title</label>
86             <input type="text" id="recentJob" name="recentJob" placeholder="Enter job title" required>
87
88             <label for="company">Company Name</label>
89             <input type="text" id="company" name="company" placeholder="Enter company name" required>
90
91             <label for="yearsWorked">Years Worked</label>
92             <input type="number" id="yearsWorked" name="yearsWorked" min="0" max="50" placeholder="Enter years worked" required>
93
94             <div class="section-title">Additional Information</div>
95             <label for="skills">Key Skills</label>
96             <textarea id="skills" name="skills" rows="4" placeholder="List your key skills (e.g., Python, Project Management)"></textarea>
97
98             <label for="position">Position Applying For</label>
99             <input type="text" id="position" name="position" placeholder="Enter position title" required>
100
101            <button type="button" onclick="submitApplication()">Submit Application</button>
102        </form>
103    </div>
104</body>
105</html>
```

Result:

Employee Application Form

Personal Information

Full Name
Enter your full name

Email Address
Enter your email

Phone Number
Enter your phone number

Address
Enter your address

Education

Highest Degree
Select your highest degree

Institution Name
Enter institution name

Year of Graduation
Enter graduation year

Work Experience

Most Recent Job Title
Enter job title

Company Name
Enter company name

Years Worked
Enter years worked

Additional Information

Key Skills
List your key skills (e.g., Python, Project Management)

Position Applying For
Enter position title

Submit Application

- Write HTML code to display student registration form.

HTML Code:

```

1 <head>
2   <style>
3     h2 {
4       text-align: center;
5     }
6     body {
7       font-family: Arial, sans-serif;
8       max-width: 700px;
9       margin: 20px auto;
10      padding: 20px;
11      background-color: rgb(233, 159, 255,30%);
12    }
13   .form-container {
14     background-color: rgb(233, 159, 255,70%);
15     padding: 25px;
16     border-radius: 8px;
17     box-shadow: 0 0 12px rgba(0,0,0,0.1);
18   }
19   label {
20     display: block;
21     margin: 10px 0 5px;
22     font-weight: bold;
23   }
24   input, select, textarea {
25     width: 100%;
26     padding: 10px;
27     margin-bottom: 15px;
28     border: 1px solid #ccc;
29     border-radius: 4px;
30     box-sizing: border-box;
31   }
32   button {
33     background-color: rgb(195, 0, 255);
34     color: white;
35     padding: 12px 25px;
36     border: none;
37     border-radius: 4px;
38     cursor: pointer;
39   }
40   button:hover {
41     background-color: #0056b3;
42   }
43   .section-title {
44     margin-top: 20px;
45     font-size: 1.2em;
46     color: #333;
47   }
48 </style>
49 </head>
50 <body>
51   <div class="form-container">
52     <h2>Student Registration Form</h2>
53     <form>
54       <div class="section-title">Personal Details</div>
55       <label for="firstName">First Name</label>
56       <input type="text" id="firstName" name="firstName" placeholder="Enter your first name" required>
57
58       <label for="lastName">Last Name</label>
59       <input type="text" id="lastName" name="lastName" placeholder="Enter your last name" required>
60
61       <label for="dob">Date of Birth</label>
62       <input type="date" id="dob" name="dob" required>
63
64       <label for="gender">Gender</label>
65       <select id="gender" name="gender" required>
66         <option value="" disabled selected>Select your gender</option>
67         <option value="male">Male</option>
68         <option value="female">Female</option>
69         <option value="other">Other</option>
70       </select>
71
72       <label for="phone">Phone Number</label>
73       <input type="tel" id="phone" name="phone" placeholder="Enter your phone number" required>
74
75       <label for="email">Email Address</label>
76       <input type="email" id="email" name="email" placeholder="Enter your email" required>
77
78       <div class="section-title">Academic Information</div>
79       <label for="course">Course</label>
80       <select id="course" name="course" required>
81         <option value="" disabled selected>Select your course</option>
82         <option value="btech">B.Tech</option>
83         <option value="bca">BCA</option>
84         <option value="bsc">B.Sc</option>
85         <option value="mca">MCA</option>
86         <option value="other">Other</option>
87       </select>
88
89       <label for="college">College Name</label>
90       <input type="text" id="college" name="college" placeholder="Enter your college name" required>
91
92       <label for="year">Year of Study</label>
93       <select id="year" name="year" required>
94         <option value="" disabled selected>Select year</option>
95         <option value="1">1st Year</option>
96         <option value="2">2nd Year</option>
97         <option value="3">3rd Year</option>
98         <option value="4">4th Year</option>
99       </select>
100
101       <div class="section-title">Address</div>
102       <label for="address">Full Address</label>
103       <textarea id="address" name="address" rows="4" placeholder="Enter your address" required></textarea>
104
105       <button type="submit">Register</button>
106     </form>
107   </div>
108 </body>
109 </html>
```

Result:

Student Registration Form

Personal Details

First Name
Enter your first name

Last Name
Enter your last name

Date of Birth
dd / mm / yyyy

Gender
Select your gender

Phone Number
Enter your phone number

Email Address
Enter your email

Academic Information

Course
Select your course

College Name
Enter your college name

Year of Study
Select year

Address

Full Address
Enter your address

Register

- Write HTML code to create an external CSS and implement it on shopping homepage.

HTML Code:

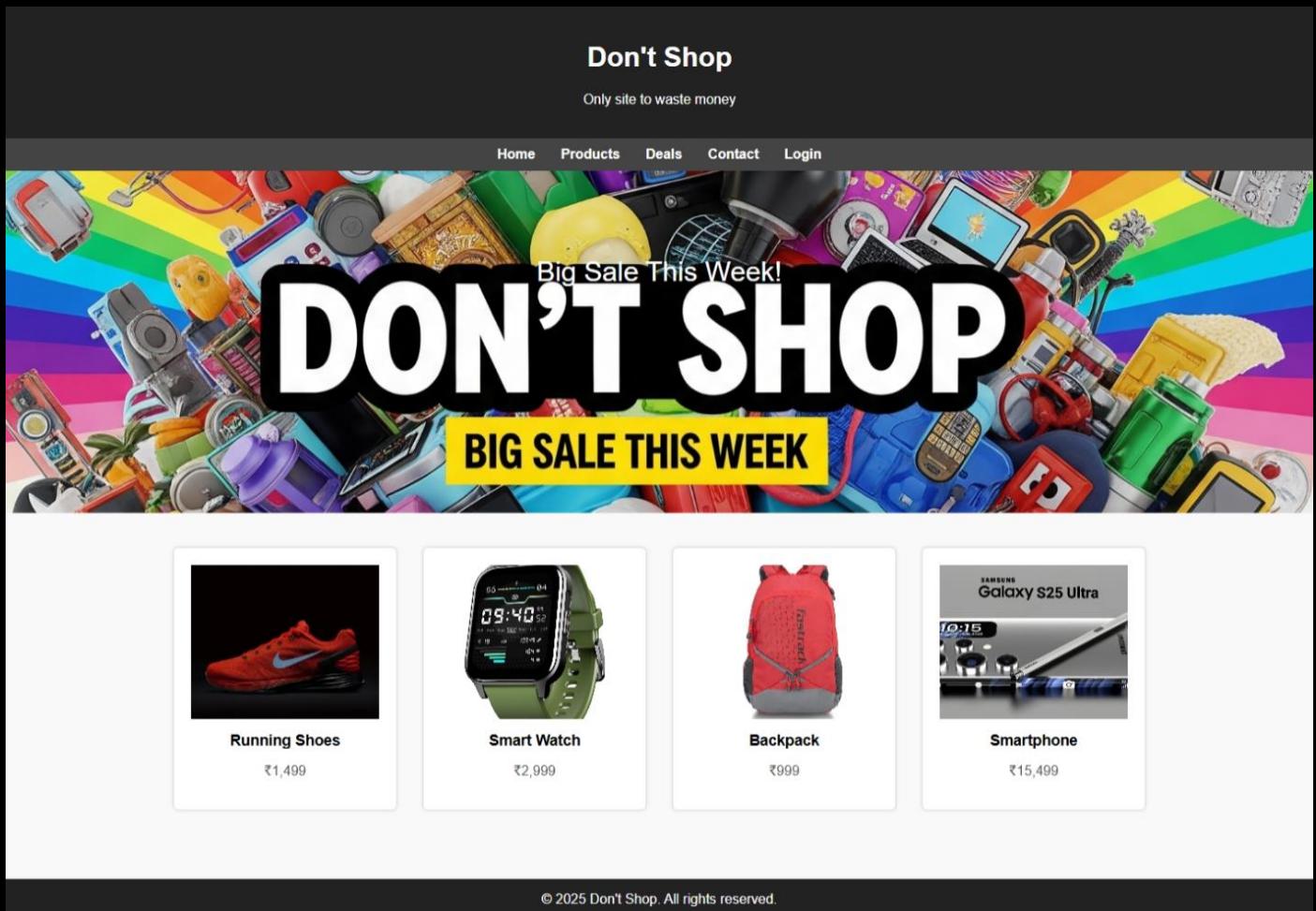
```

1 <head>
2     <link rel="stylesheet" href="style.css">
3 </head>
4 <body>
5
6     <header>
7         <h1>Don't Shop</h1>
8         <p>Only site to waste money</p>
9     </header>
10
11    <nav>
12        <a href="#">Home</a>
13        <a href="#">Products</a>
14        <a href="#">Deals</a>
15        <a href="#">Contact</a>
16        <a href="#">Login</a>
17    </nav>
18
19    <div class="hero">
20        Big Sale This Week!
21    </div>
22
23    <div class="products">
24        <div class="product">
25            
26            <h3>Running Shoes</h3>
27            <p>₹1,499</p>
28        </div>
29        <div class="product">
30            
31            <h3>Smart Watch</h3>
32            <p>₹2,999</p>
33        </div>
34        <div class="product">
35            
36            <h3>Backpack</h3>
37            <p>₹999</p>
38        </div>
39        <div class="product">
40            
41            <h3>Smartphone</h3>
42            <p>₹15,499</p>
43        </div>
44    </div>
45
46    <footer>
47        © 2025 Don't Shop. All rights reserved.
48    </footer>
49
50 </body>
51 </html>
```

CSS Code:

```
1 body {
2     font-family: Arial, sans-serif;
3     background-color: #f9f9f9;
4     margin: 0;
5     padding: 0;
6 }
7
8 header {
9     background-color: #222;
10    color: white;
11    padding: 20px;
12    text-align: center;
13 }
14
15 nav {
16     background-color: #444;
17     display: flex;
18     justify-content: center;
19     gap: 30px;
20     padding: 10px 0;
21 }
22
23 nav a {
24     color: white;
25     text-decoration: none;
26     font-weight: bold;
27 }
28
29 nav a:hover {
30     text-decoration: underline;
31 }
32
33 .hero {
34     background-image: url('img/sale.png');
35     background-size: cover;
36     background-position: center;
37     height: 300px;
38     text-align: center;
39     color: white;
40     padding-top: 100px;
41     font-size: 2em;
42 }
43
44 .products {
45     display: flex;
46     flex-wrap: wrap;
47     justify-content: center;
48     gap: 30px;
49     padding: 40px;
50 }
51
52 .product {
53     background-color: white;
54     width: 220px;
55     padding: 20px;
56     border: 1px solid #ddd;
57     text-align: center;
58     border-radius: 6px;
59     box-shadow: 0 0 5px rgba(0,0,0,0.1);
60 }
61
62 .product img {
63     width: 100%;
64     height: 180px;
65     object-fit: cover;
66     margin-bottom: 15px;
67 }
68
69 .product h3 {
70     margin: 0;
71     font-size: 1.1em;
72 }
73
74 .product p {
75     color: #555;
76 }
77
78 footer {
79     background-color: #222;
80     color: white;
81     text-align: center;
82     padding: 15px;
83     margin-top: 40px;
84 }
85
```

Result:



- Give an example of inline stylesheet.

HTML code:

```
 1 <html>
 2 <head>
 3   <title>Inline Stylesheet Example</title>
 4 </head>
 5 <body>
 6   <h1 style="color: red; text-align: center;">Welcome to Inline CSS</h1>
 7   <p style="font-size: 18px; color: green;">This paragraph is styled using an inline stylesheet.</p>
 8 </body>
 9 </html>
10
```

- Give an example of internal stylesheet.

HTML Code:

```
● ● ●
1 <html>
2 <head>
3     <title>Internal Stylesheet Example</title>
4     <style>
5         h1 {
6             color: blue;
7             text-align: center;
8         }
9
10        p {
11            font-size: 18px;
12            color: purple;
13        }
14    </style>
15 </head>
16 <body>
17     <h1>Welcome to Internal CSS</h1>
18     <p>This paragraph is styled using an internal stylesheet.</p>
19 </body>
20 </html>
21
```

- Write HTML code to design the floating frame / inline frame of dimension 500×700 aligned towards the right.

HTML Code:

```

1  <html>
2  <head>
3      <title>Floating Iframe Example</title>
4      <style>
5          iframe {
6              width: 500px;
7              height: 700px;
8              float: right;
9              border: 2px solid #333;
10         }
11         body {
12             height: 900px;
13             font-family: Arial, sans-serif;
14             padding: 20px;
15         }
16     </style>
17 </head>
18 <body>
19
20     <h1>Welcome to Page</h1>
21     <p>This content is on the left, and the frame is floating on the right.</p>
22
23     <iframe src="https://en.wikipedia.org" title="Wikipedia"></iframe>
24
25 </body>
26 </html>
27

```

Result:

Welcome to Page

This content is on the left, and the frame is floating on the right.

