

**Submitted By: Aditya Raj**

**Submitted To: Dr. Vandana Kanotra**

**Roll: 2438108**

**Course: B.Tech – CSE**

All the files are uploaded at GitHub: [GitHub/Adii-Raj/fwd\\_task](https://GitHub/Adii-Raj/fwd_task)

- 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:

**Unordered List:**

- GPU: RTX-5090
- CPU: Intel Core Ultra 985K
- Logitech G Pro X
- Logitech G915 X LIGHTSPEED

- 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:

**Ordered List:**

1. Mouse
2. CPU
3. Monitor
4. Keyboard

- 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

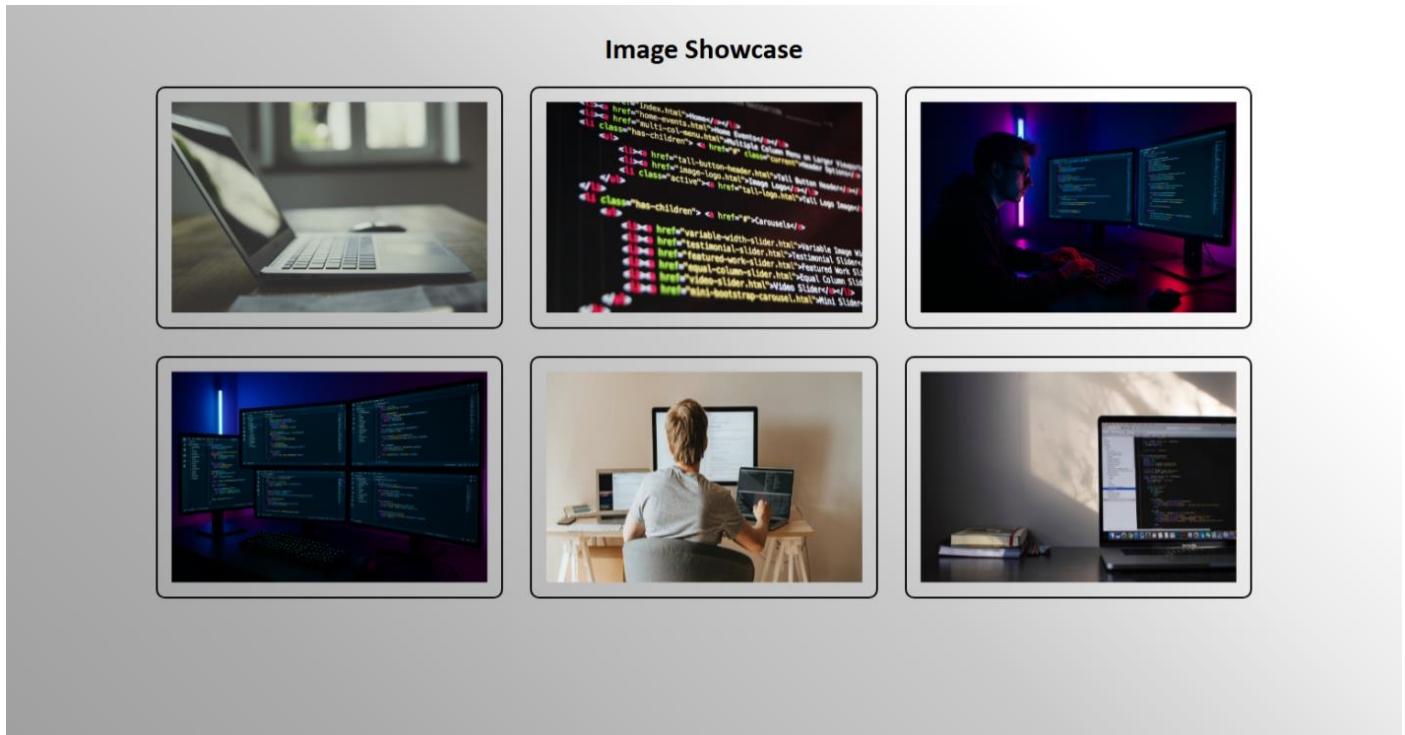
A low-profile wireless keyboard with customizable switches and an 8,000 Hz polling rate.

- 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:



- 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="#">Multi-Column.html</a>
<a href="#">Multi-Column-Header.html</a>
<a href="#">Multi-Column-Header-on-Larger-Screens.html</a>
<a href="#">Tall-Button-Header.html</a>
<a href="#">Tall-Logo.html</a>
<a href="#">Tall-Logo-and-Header.html</a>
<a href="#">Tall-Logo-and-Header-on-Larger-Screens.html</a>
<a href="#">Tall-Logo-and-Header-on-Larger-Screens-with-Header-Offset.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="#">Multi-Column-Slider.html</a>
<a href="#">Video-Slider.html</a>
<a href="#">Mini-Bootstrap-Carousel.html</a>
<a href="#">Mini-Slider.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>
```

Daoudt+



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       .hanger:hover{
52         box-shadow: -10px 10px 12px rgba(0,0,0,0.3);
53       }
54
55     </style>
56   </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](#)

A photograph of a black smartphone held horizontally. The screen displays a snippet of HTML code, showing various tags like <div>, <img>, and <a>. The code appears to be related to a website's header or navigation menu.

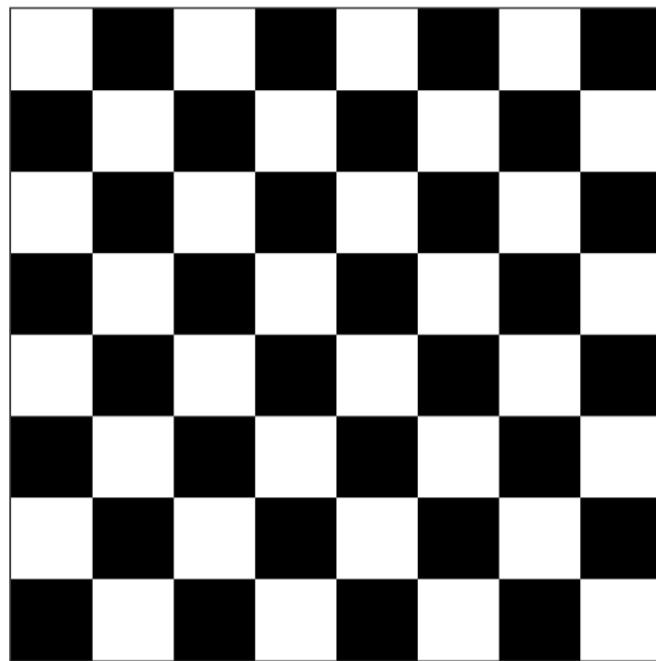
- Write HTML code to generate the board of the chess.

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>2438108</td>
45             <td>Aditya Raj</td>
46             <td>B.Tech-CSE</td>
47             <td>99</td>
48         </tr>
49         <tr>
50             <td>2438109</td>
51             <td>Aditya</td>
52             <td>B.Tech-CSE</td>
53             <td>91</td>
54         </tr>
55         <tr>
56             <td>24381400</td>
57             <td>Vikalp Upadhyay</td>
58             <td>B.Tech-CSE</td>
59             <td>34</td>
60         </tr>
61         <tr>
62             <td>2438337</td>
63             <td>Sudhakar Kumar</td>
64             <td>B.Tech-CSE</td>
65             <td>89</td>
66         </tr>
67     </table>
68
69 </body>
70 </html>
71

```

Result:

**Student Details Table**

Roll No	Name	Course	Marks
2438108	Aditya Raj	B.Tech-CSE	99
2438109	Aditya	B.Tech-CSE	91
24381400	Vikalp Upadhyay	B.Tech-CSE	34
2438337	Sudhakar Kumar	B.Tech-CSE	89

- Write a HTML code to design following table

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

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.

<b>Frame1</b>	<b>Frame2</b>	
<b>Frame3</b>	<b>frame4</b>	<b>frame5</b>

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



Click on a state to visit its Wikipedia page.

**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: #f0f0f0;
12    }
13    .form-container {
14      background-color: #f0f0f0;
15      padding: 15px;
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: #007bff;
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:

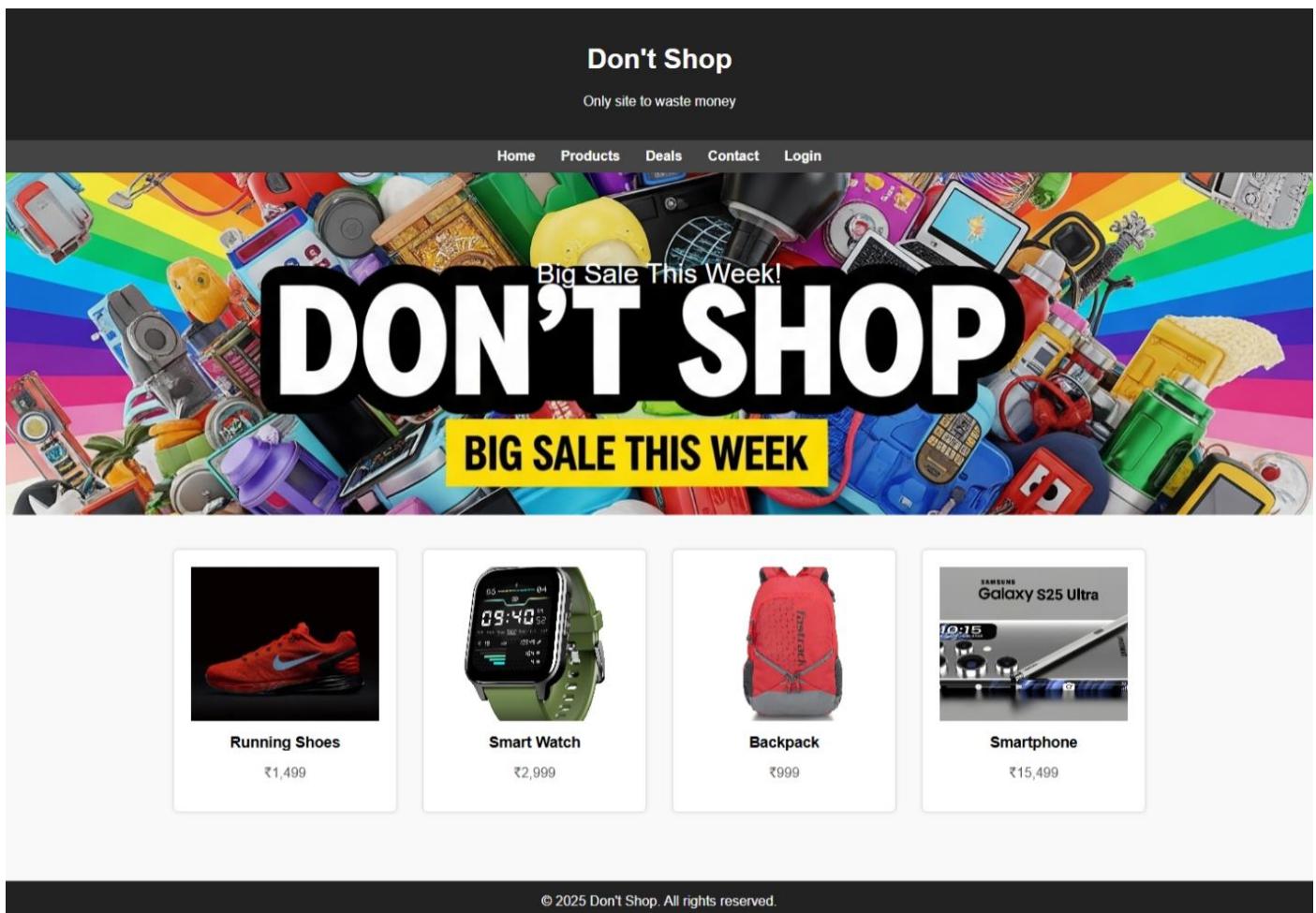
```

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.

The screenshot shows a web browser window with a dark theme. On the left side of the screen, there is a header with the text "Welcome to Page" and a paragraph of descriptive text. To the right of this text, there is an `iframe` element that displays the homepage of Wikipedia. The Wikipedia page includes the title "Welcome to Wikipedia", a brief introduction, and a "From today's featured article" section about King Edgar. The overall layout demonstrates how the `float: right;` CSS rule has caused the `iframe` to be positioned to the right of the surrounding content on the left.