

PRACTICE PROJECTS\Bharatintern\index2.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3
4  <head>
5      <meta charset="UTF-8">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Temperature convertor</title>
8  </head>
9  <style>
10     * {
11         margin: 0;
12         padding: 0;
13     }
14
15     h1 {
16         background-image: linear-gradient(orange, orange);
17         text-align: center;
18         font-size: 50px;
19         font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
20         font-style: italic;
21     }
22
23     .main {
24         margin: 40px;
25         margin-bottom: 5px;
26         display: flex;
27         justify-content: space-around;
28         align-items: center;
29         flex-direction: row;
30
31     }
32
33     img {
34         margin-top: 80px;
35         border-radius: 10px;
36         box-shadow: 5px 5px;
37
38     }
39
40
41     .left,
42     .right {
43         height: 500px;
44         width: 500px;
45
46     }
47
48
49     .inp {
50         height: 40px;
51         width: 250px;
52         margin: 20px;
53         text-align: center;
54         background-image: linear-gradient(orange, orange);
55
56         border: 3px solid black;
57         border-radius: 10px;
```

```
58     padding: 5px;
59     font-size: 20px;
60     font-style: italic;
61     font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
62
63 }
64
65 label {
66     font-size: 20px;
67     font-style: italic;
68     font-family: 'Franklin Gothic Medium', 'Arial Narrow', Arial, sans-serif;
69     color: black;
70     text-decoration: underline;
71 }
72
73 button {
74     height: 50px;
75     width: 250px;
76     background-image: linear-gradient(blue, skyblue);
77     border: 3px solid black;
78     color: black;
79     font-size: 30px;
80     text-decoration: underline;
81     border-radius: 10px;
82     margin-left: 30px;
83     font-style: italic;
84
85
86 }
87 </style>
88
89 <body>
90     <h1>Temperature convertor</h1>
91     <div class="main">
92         <div class="left"></div>
93         <div class="right">
94             <label for="cel">Celsius</label><br>
95             <input type="number" value="0" id="cel" class="inp">
96             <br>
97             <label for="fah">Farhenheit</label><br>
98             <input type="number" value="32" id="fah" class="inp">
99             <br>
100            <label for="kel">Kelvin</label><br>
101            <input type="number" value="273.15" id="kel" class="inp">
102            <br>
103            <br><br>
104            <button class="reset" onclick="reset()">
105                Reset
106            </button>
107        </div><br>
108
109
110    </div>
111
112
113
114
115 </body>
116 <script>
117     var cel = document.getElementById("cel")
```

```
118     var fah = document.getElementById("fah")
119     var kel = document.getElementById("kel")
120
121     fah.addEventListener('input', function () {
122         let f = this.value;
123         let c = (f - 32) * 5 / 9;
124         if (!Number.isInteger(c)) {
125             c = c.toFixed(4)
126         }
127         cel.value = c;
128
129         let k = (f - 32) * 5 / 9 + 273.15
130         if (!Number.isInteger(k)) {
131             k = k.toFixed(4)
132         }
133         kel.value = k;
134     });
135     kel.addEventListener('input', function () {
136         let k = this.value;
137         let c = k - 273.15
138         if (!Number.isInteger(c)) {
139             c = c.toFixed(4)
140         }
141         cel.value = c;
142         let f = (k - 273.15) * 9 / 5 + 32
143         if (!Number.isInteger(f)) {
144             f = f.toFixed(4)
145         }
146         fah.value = f;
147
148     });
149     cel.addEventListener('input', function () {
150         let c = this.value;
151         let k = parseInt(273.15) + parseInt(c);
152
153         kel.value = k;
154
155         let f = (c * 9 / 5) + 32;
156         if (!Number.isInteger(f)) {
157             f = f.toFixed(4)
158         }
159         fah.value = f
160
161
162     });
163     function reset() {
164         location.reload()
165     }
166
167
168 </script>
169
170 </html>
```