

index.html

styles.css

script.js

TEMPERATURE CONVERTER BY USING HTML,CSS,JAVASCRIPT 

NEW

HTML RUN 

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <link rel="stylesheet" type="text/css" href="styles.css">
7   <title>Temperature Converter</title>
8 </head>
9 <body>
10   <div class="container">
11     <h1>Temperature Converter</h1>
12     <label for="temperature">Enter Temperature:</label>
13     <input type="number" id="temperature">
14     <select id="fromUnit">
15       <option value="celsius">Celsius (°C)</option>
16       <option value="fahrenheit">Fahrenheit (°F)</option>
17     </select>
18     <label for="toUnit">Convert To:</label>
19     <select id="toUnit">
20       <option value="celsius">Celsius (°C)</option>
21       <option value="fahrenheit">Fahrenheit (°F)</option>
22     </select>
23     <button id="convertButton">Convert</button>
24     <p id="result"></p>
25   </div>
26
27   <script src="script.js"></script>
28 </body>
29 </html>
30
```

## Temperature Converter

Enter Temperature:

Celsius (°C) 

Convert To:

Celsius (°C) Convert

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NEW

HTML

RUN

1 body {

2   font-family: Arial, sans-serif;

3 }

4

5 .container {

6   max-width: 400px;

7   margin: 0 auto;

8   text-align: center;

9   padding: 20px;

10   border: 1px solid #ccc;

11   border-radius: 5px;

12   background-color: #f9f9f9;

13 }

14

15 label {

16   font-weight: bold;

17 }

18

19 input[type="number"] {

20   width: 100%;

21   padding: 8px;

22   margin: 5px 0;

23   border: 1px solid #ccc;

24   border-radius: 3px;

25 }

26

27 select {

28   width: 100%;

29   padding: 8px;

30   margin: 5px 0;

31   border: 1px solid #ccc;

32   border-radius: 3px;

33 }

34

35 button {

36   background-color: #007BFF;

37   color: #fff;

38   padding: 10px 20px;

39   border: none;

40   border-radius: 3px;

41   cursor: pointer;

42 }

43

44 #result {

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border: none;

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border-radius: 3px;

37

cursor: pointer;

38

}

39

#result {

40

font-weight: bold;

41

margin-top: 10px;

42

}

43

44

45

46

47

48

Temperature Converter

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Celsius (°C)

Convert To:

Celsius (°C)

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TEMPERATURE CONVERTER BY USING HTML,CSS,JAVASCRIPT

NEW

HTML

RUN

1function convertTemperature() {

2   const temperature = parseFloat(document.getElementById("temperature").value);

3  const fromUnit = document.getElementById("fromUnit").value;

4  const toUnit = document.getElementById("toUnit").value;

5  let result;

6

7  if (fromUnit === "celsius" && toUnit === "fahrenheit") {

8    result = (temperature \* 9/5) + 32;

9  } else if (fromUnit === "fahrenheit" && toUnit === "celsius") {

10   result = (temperature - 32) \* 5/9;

11  } else {

12   result = temperature; // If units are the same, no conversion needed

13  }

14

15  document.getElementById("result").textContent = `Result: \${result.toFixed(2)} \${toUnit}`;

16 }

17

18 document.getElementById("convertButton").addEventListener("click", convertTemperature);

19

Temperature Converter

Enter Temperature:

576

Celsius (°C)

Convert To:

Fahrenheit (°F)

Convert

Result: 1068.80 fahrenheit