

In- Class Exercise – JS Variables – Save As: Variables.html

INSTRUCTIONS: - Read the statements below and perform the tasks.

1. Add a paragraph element `<p id="tempF"></p>`
2. Add a paragraph element `<p id="tempC"></p>`

The Temperature Converter

Convert Celsius to Fahrenheit

- Write a `<script>` to:
- Create a variable and name it **celsius**.
- Store a temperature number value 100 in the variable **celsius**. For example,
celsius = 100;
- Formula for Celsius to Fahrenheit, where C is your variable **celsius**:

Celsius To Fahrenheit

$$F = \frac{9}{5}C + 32$$

- Create a variable and name it **cel2fahr** for the formula conversion.
- **OUTPUT:**

`document.getElementById("tempF").innerHTML = NN C is NN F`

Convert Fahrenheit to Celsius

- Create a variable and name it **fahr**.
- Store a temperature number value in the variable **fahr**. For example,
fahr = 32;
- Formula for Fahrenheit to Celsius, where F is your variable **fahr**:

Fahrenheit To Celsius

$$C = \frac{5}{9}(F - 32)$$

- Create a variable and name it **fahr2cel** for the formula conversion.
- **OUTPUT:**

`document.getElementById("tempC").innerHTML = NN F is NN C`